MASTER INDEX TO VOLUMES 211–230

Aas, B., see G. Pauletta 211 (1988) 19

Aas, B., see G.S. Adams 219 (1989) 399

Abachi, S., C. Akerlof, P. Baringer, D. Blockus, B. Brabson, J.-M. Brom, B.G. Bylsma, J. Chapman, B. Cork, R. DeBonte, M. Derrick, D. Errede, C. Jung, M.T. Ken, D. Koltick, P. Kooijman, J.S. Loos, E.H. Low, R.L. McIlwain, D.I. Meyer, D.H. Miller, B. Musgrave, H. Neal, C.R. Ng, D. Nitz, H. Ogren, L.E. Price, J. Repond, D.R. Rust, E.I. Shibata, K. Sugano, R. Thun, R. Tschirhart and J.M. Weiss, Measurement of upper limits for the decay widths of D^{*+} and D^{*0} 212 (1988) 533

Abachi, S., M. Derrick, P. Kooijman, B. Musgrave, L.E. Price, J. Repond, K. Sugano, D. Blockus, B. Brabson, J.-M. Brom, C. Jung, H. Ogren, D.R. Rust, B. Cork, C. Akerlof, J. Chapman, D. Errede, M.T. Ken, D.I. Meyer, H. Neal, D. Nitz, R. Thun, R. Tschirhart, P. Baringer, B.G. Bylsma, R. DeBonte, D. Koltick, E.H. Low, R.L. McIlwain, D.H. Miller, C.R. Ng and E.-I. Shibata, Measurement of the branching ratio for $\tau^- \to e^- \bar{\nu}_e \nu_\tau$ 226 (1989) 405

Abashian, A., see A. Bacala 218 (1989) 112

Abashian, A., see T. Mori 218 (1989) 499

Abashian, A., see S.K. Kim 223 (1989) 476

Abashian, A., see E.H. Low 228 (1989) 548

Abbasabadi, A., W.W. Repko, D.A. Dicus and R. Vega, Single and double Higgs production by gauge boson fusion 213 (1988) 386

Abdalla, E., M.C.B. Abdalla, F.P. Devecchi and A. Zadra, Hamiltonian formulation of anomaly free chiral bosons 215 (1988) 564

Abdalla, M.C.B., see E. Abdalla 215 (1988) 564

Abe, K., K. Amako, Y. Arai, Y. Asano, M. Chiba, Y. Chiba, M. Daigo, T. Emura, I. Endo, M. Fukawa, T. Fukui, Y. Fukushima, J. Haba, D. Haidt, I. Hayashibara, Y. Hemmi, M. Higuchi, T. Hirose, Y. Hojyo, Y. Homma, Y. Hoshi, Y. Ikegami, N. Ishihara, T. Kamitani, N. Kanematsu, J. Kanzaki, R. Kikuchi, T. Kondo, T. Koseki, K. Kubo, H. Kurashige, T. Matsui, M. Minami, K. Miyake, S. Mori, Y. Nagashima, T. Nakamura, I. Nakano, S. Odaka, K. Ogawa, T. Ohama, T. Ohsugi, A. Ono, H. Osabe, H. Saito, H. Sakae, H. Sakamoto, S. Sakamoto, M. Sakano, M. Sakuda, N. Sasao, M. Sato, M. Shioden, J. Shirai, F. Suekane, S. Sugimoto, T. Sumiyoshi, Y. Suzuki, Y. Takada, F. Takasaki, A. Taketani, N. Tamura, R. Tanaka, K. Tobimatsu, T. Tsuboyama, A. Tsukamoto, S. Uehara, Y. Unno, M. Wakai, T. Watanabe, Y. Watase, Y. Yamada, T. Yamagata, T. Yamashita and H. Yoshida, A search for excited electrons in the e^+e^- reactions up to the $\sqrt{s}$ of 56 GeV 213 (1988) 400

Abe, K., see A. Bacala 218 (1989) 112

Abe, K., see T. Mori 218 (1989) 499

Abe, K., see S.K. Kim 223 (1989) 476

Abe, K., see E.H. Low 228 (1989) 548

Abe, O., Observability of the size of the universe 229 (1989) 202

Abegg, R., D.A. Hutcheon, C.A. Miller, J.M. Cameron, C.A. Davis, G.A. Moss, W.C. Olsen,

G. Roy, J. Arvieux, J.M. Laget, I.J. van Heerden and A.H. Hussein, Angular distributions of cross sections and analyzing powers for the reaction $\vec{p}d+t\vec{\pi}^+$ at 425, 450, 475 and 500 MeV 218 (1989) 436
Abegg, R., see D. Frekers 218 (1989) 439
Abegg, R., see M.A. Moinester 230 (1989) 41
Abenante, V., see M.B. Tsang 220 (1989) 492
Abov, Yu.G., O.N. Ermakov, I.L. Karpikhin, P.A. Krupchitsky, G.A. Lobov, V.F. Perepelitsa, V.I. Petrushin and A.N. Starodumov, The investigation of parity violation in the process $^{207}Pb(\vec{n},\gamma)^{208}Pb$ 217 (1989) 225
Abrams, G., see A. Snyder 229 (1989) 169
Abreu, M.C., see C. Baglin 220 (1989) 471
Abt, I., see J.V. Allaby 213 (1988) 554
Abud, M. and J.P. Ader, The relationship between the gauged BRST symmetry and the ghost number symmetry 212 (1988) 320
Accetta, F.S., D.G. Caldi and A. Chodos, Gamma ray bursts and a new phase of QED 226 (1989) 175
ACCMOR Collaboration, see S. Barlag 218 (1989) 374
Achasov, N.N., Interaction of Higgs bosons with the $\gamma^*\gamma$ system 222 (1989) 139
Achúcarro, A. and P.K. Townsend, Extended supergravities in $d=2+1$ as Chern–Simons theories 229 (1989) 383
Acquadro, J.C., see D. Pereira 220 (1989) 347
Adachi, I., H. Aihara, H.B. Dijkstra, R. Enomoto, H. Fujii, K. Fujii, T. Fujii, J. Fujimoto, K. Fujiwara, N. Fujiwara, H. Hayashii, S. Higashi, B. Howell, N. Iida, A. Imanishi, H. Ikeda, T. Ishii, R. Itoh, H. Iwasaki, S. Iwata, R. Kajikawa, T. Kamae, S. Kato, S. Kawabata, Y. Kayahara, H. Kichimi, T. Kishida, M. Kobayashi, D. Koltick, S. Kuroda, N. Kusuki, A. Maruyama, K. Maruyama, H. Masuda, T. Matsuda, A. Miyamoto, T. Morimoto, K. Muramatsu, K. Nakamura, O. Nitoh, S. Noguchi, F. Ochiai, T. Ohshima, H. Okuno, T. Okusawa, H. Ozaki, T. Sato, T. Sato, F. Sai, N. Sasayama, A. Shimonaka, K. Shimozawa, A. Shirahashi, R. Sugahara, A. Sugiyama, S. Suzuki, T. Suwada, K. Takahashi, T. Takahashi, T. Takahashi, T. Takahashi, T. Takahashi, H. Takamure, T. Tanaka, T. Tauchi, Y. Teramoto, T. Tsukamoto, K. Ukai, S. Uno, Y. Watanabe, O. Yamakawa, A. Yamamoto, S. Yamamoto, S. Yamashita, M. Yamauchi, Y. Yoshimura and M. Yoshioka, Search for SUSY particles in e^+e^- annihilation at TRISTAN 218 (1989) 105
Adachi, I., H. Aihara, M. Doser, R. Enomoto, H. Fujii, K. Fujii, T. Fujii, J. Fujimoto, K. Fujiwara, N. Fujiwara, H. Hayashii, S. Higashi, B. Howell, N. Iida, A. Imanishi, H. Ikeda, T. Ishii, R. Itoh, H. Iwasaki, K. Iwashiro, R. Kajikawa, T. Kamae, S. Kato, Y. Kato, S. Kawabata, Y. Kayahara, H. Kichimi, T. Kishida, M. Kobayashi, D. Koltick, N. Kusuki, I. Levine, A. Maruyama, K. Maruyama, T. Matsuda, K. Matsushita, A. Miyamoto, K. Muramatsu, K. Nagai, T. Nagira, O. Nitoh, S. Noguchi, F. Ochiai, H. Okuno, T. Okusawa, S. Onodera, H. Ozaki, A. Shimonaka, K. Shimozawa, A. Shirahashi, R. Sugahara, A. Sugiyama, S. Suzuki, K. Takahashi, T. Takahashi, T. Takahashi, T. Takahashi, H. Takamure, T. Tauchi, Y. Teramoto, T. Tsukamoto, K. Ukai, S. Uno, Y. Watanabe, A. Yamamoto, S. Yamamoto, S. Yamashita, M. Yamauchi and Y. Yoake, Measurements of α_s in e^+e^- annihilation at $\sqrt{s}=53.3$ GeV and 59.5 GeV 227 (1989) 495
Adachi, I., H. Aihara, M. Doser, R. Enomoto, H. Fujii, K. Fujii, T. Fujii, J. Fujimoto, K. Fujiwara, N. Fujiwara, H. Hayashii, S. Higashi, B. Howell, N. Iida, A. Imanishi, H. Ikeda, T. Ishii, R. Itoh, H. Iwasaki, K. Iwashiro, R. Kajikawa, T. Kamae, S. Kato,

Y. Kato, S. Kawabata, Y. Kayahara, H. Kichimi, T. Kishida, M. Kobayashi, D. Koltick, N. Kusuki, I. Levine, A. Maruyama, K. Maruyama, T. Matsuda, K. Matsushita, A. Miyamoto, K. Muramatsu, K. Nagai, T. Nagira, O. Nitoh, S. Noguchi, F. Ochiai, H. Okuno, T. Okusawa, S. Onodera, H. Ozaki, A. Shimonaka, K. Shimozawa, A. Shirahashi, R. Sugahara, A. Sugiyama, S. Suzuki, K. Takahashi, T. Takahashi, T. Takahashi, T. Takahashi, H. Takamure, T. Tauchi, Y. Teramoto, T. Tsukamoto, K. Ukai, S. Uno, Y. Watanabe, A. Yamamoto, S. Yamamoto, S. Yamashita, M. Yamauchi and Y. Yoake, A search for excited leptons in the energy region $\sqrt{s}=52$–60.8 GeV 228 (1989) 553

Adachi, I., H. Aihara, M. Doser, R. Enomoto, H. Fujii, K. Fujii, T. Fujii, J. Fujimoto, K. Fujiwara, N. Fujiwara, H. Hayashii, S. Higashi, B. Howell, N. Iida, A. Imanishi, H. Ikeda, T. Ishii, R. Itoh, H. Iwasaki, K. Iwashiro, R. Kajikawa, T. Kamae, S. Kato, Y. Kato, S. Kawabata, Y. Kayahara, H. Kichimi, T. Kishida, M. Kobayashi, D. Koltick, N. Kusuki, I. Levine, A. Maruyama, K. Maruyama, K. Matsushita, A. Miyamoto, K. Muramatsu, K. Nagai, T. Nagira, O. Nitoh, S. Noguchi, F. Ochiai, H. Okuno, T. Okusawa, S. Onodera, H. Ozaki, N. Sasayama, A. Shimonaka, K. Shimozawa, A. Shirahashi, R. Sugahara, A. Sugiyama, S. Suzuki, K. Takahashi, T. Takahashi, T. Takahashi, T. Takahashi, H. Takamure, T. Tauchi, Y. Teramoto, T. Tsukamoto, K. Ukai, S. Uno, Y. Watanabe, A. Yamamoto, S. Yamamoto, S. Yamashita, M. Yamauchi, Y. Yoake and J. Yoshizawa, A search for a fourth-generation charge $-\frac{1}{3}$ (b′) quark using inclusive muons in e^+e^- annihilations at $\sqrt{s}=56.5$–60.8 GeV 229 (1989) 427

Adami, C. and I. Zahed, The width of the Δ-isobar in chiral soliton models 213 (1988) 373

Adami, C. and I. Zahed, Soliton quantization in chiral models with vector mesons 215 (1988) 387

Adami, C., M. Prakash and I. Zahed, Charmonium disintegration by field ionization 217 (1989) 5

Adamovich, M.I., M.M. Aggarwal, R. Arora, Y.A. Alexandrov, S.A. Azimov, E. Basova, K.B. Bhalla, A. Bhasin, V.S. Bhatia, R.A. Bondarenko, T.H. Burnett, X. Cai, L.P. Chernova, M.M. Chernyavsky, B. Dressel, E.M. Friedlander, S.I. Gadzhieva, E.R. Ganssauge, S.I.A. Garpman, S.G. Gerassimov, A. Gill, J. Grote, K.G. Gulamov, U.G. Gulyamov, S. Hackel, H.H. Heckman, B. Jakobsson, B. Judek, S. Kachroo, F.G. Kadyrov, H. Kallies, L. Karlsson, G.L. Kaul, M. Kaur, S.P. Kharlamov, V. Kumar, P. Lal, V.G. Larionova, P.J. Lindstrom, L.S. Liu, S. Lokanathan, J. Lord, N.S. Lukicheva, L.K. Mangotra, N.V. Maslennikova, I.S. Mittra, E. Monnand, S. Mookerjee, C. Mueller, S.H. Nasyrov, V.S. Navotny, G.I. Orlova, I. Otterlund, N.G. Peresadko, S. Persson, N.V. Petrov, W.Y. Qian, R. Raniwala, S. Raniwala, N.K. Rao, J.T. Rhee, N. Saidkhanov, N.A. Salmanova, W. Schultz, F. Schussler, V.S. Shukla, D. Skelding, K. Soderstrom, E. Stenlund, R.S. Storey, J.F. Sun, L.N. Svechnikova, M.I. Tretyakova, T.P. Trofimova, H.Q. Wang, Z.O. Weng, R.J. Wilkes, G.F. Xu, D.H. Zhang, P.Y. Zheng, D.C. Zhou and J.C. Zhou, Scaling properties of charged particle multiplicity distributions in oxygen induced emulsion interactions at 14.6, 60 and 200 A GeV 223 (1989) 262

Adamovich, M.I., M.M. Aggarwal, N.P. Andreeva, Z.V. Anson, Z.V. Ameeva, R. Arora, Y.A. Alexandrov, S.A. Azimov, E. Basova, K.B. Bhalla, A. Bhasin, V.S. Bhatia, V.I. Bubnov, R.A. Bondarenko, T.H. Burnett, X. Cai, I.Y. Chasnicov, L.P. Chernova, M.M. Chernyavsky, B. Dressel, L.E. Eremenko, G.Z. Eligbaeva, E.M. Friedlander, S.I. Gadzhieva, A.S. Gaitinov, E.R. Ganssauge, S.I.A. Garpman, S.G. Gerassimov, A. Gill, J. Grote, K.G. Gulamov, U.G. Gulyamov, S. Hackel, H.H. Heckman, B. Judek, S. Kachroo, F.G. Kadyrov, H. Kallies, G.S. Kalyachkina, E.K. Kanygina, G.L. Kaul, M. Kaur, S.P. Kharlamov, T. Koss, V. Kumar, P. Lal, V.G. Larionova, P.J. Lindstrom, L.S. Liu, S. Lokanathan, J. Lord, N.S. Lukicheva, L.K. Mangotra, N.V. Maslennikova,

I.S. Mittra, S. Mookerjee, C. Mueller, S.H. Nasyrov, V.S. Navotny, G.I. Orlova, I. Otterlund, N.G. Peresadko, S. Persson, N.V. Petrov, W.Y. Qian, R. Raniwala, S. Raniwala, N.K. Rao, J.T. Rhee, N. Saidkhanov, N.A. Salmanova, T.I. Shakhova, W. Schultz, V.S. Shukla, D. Skelding, K. Soderstrom, E. Stenlund, R.S. Storey, S. Strausz, J.F. Sun, L.N. Svechnikova, M.I. Tretyakova, T.P. Trofimova, H.Q. Wang, Z.O. Weng, R.J. Wilkes, G.F. Xu, D.H. Zhang, P.Y. Zheng, D.C. Zhou and J.C. Zhou, Rapidity densities and their fluctuations in central 200 A GeV ^{32}S interactions with Au and Ag, Br nuclei 227 (1989) 285

Adamovich, M.I., M.M. Aggarwal, R. Arora, Y.A. Alexandrov, E. Basova, K.B. Bhalla, A. Bhasin, V.S. Bhatia, R.A. Bondarenko, T.H. Burnett, X. Cai, L.P. Chernova, M.M. Chernyavsky, B. Dressel, E.M. Friedlander, S.I. Gadzhieva, E.R. Ganssauge, S. Garpman, S.G. Gerassimov, A. Gill, J. Grote, K.G. Gulamov, U.G. Gulyamov, S. Hackel, H.H. Heckman, B. Judek, S. Kachroo, F.G. Kadyrov, H. Kallies, G.L. Kaul, M. Kaur, S.P. Kharlamov, V. Kumar, P. Lal, V.G. Larionova, P.J. Lindstrom, L.S. Liu, S. Lokanathan, J. Lord, N.S. Lukicheva, L.K. Mangotra, N.V. Maslennikova, I.S. Mittra, S. Mookerjee, C. Mueller, S.H. Nasyrov, V.S. Novotny, G.I. Orlova, I. Otterlund, N.G. Peresadko, S. Persson, N.V. Petrov, W.Y. Qian, R. Raniwala, S. Raniwala, N.K. Rao, J.T. Rhee, N. Saidkhanov, N.A. Salmanova, W. Schultz, V.S. Shukla, D. Skelding, K. Söderström, E. Stenlund, R.S. Storey, J.F. Sun, L.N. Svechnikova, M.I. Tretyakova, T.P. Trofimova, H.Q. Wang, Z.O. Weng, R.J. Wilkes, G.F. Xu, D.H. Zhang, P.Y. Zheng, D.C. Zhou and J.C. Zhou, A study of recoil protons in ultra-relativistic nucleus–nucleus collisions 230 (1989) 175

Adams, D., see G. Pauletta 211 (1988) 19

Adams, G.S., B. Höistad, J.M. Laget, B. Aas, K. Jones, J.A. McGill, G.S. Blanpied, C.S. Mishra, G. Pignault, C.S. Whisnant and G. Pauletta, Analyzing powers for $\vec{p}+d\rightarrow{}^3He+\pi^0$ at 800 MeV 219 (1989) 399

Ademollo, M., A. Bellini and M. Ciafaloni, Superstring Regge amplitudes and emission vertices 223 (1989) 318

Ader, J.P., see M. Abud 212 (1988) 320

Ader, J.P., A. Bouda and J.C. Wallet, Perturbative BRST current algebra anomalies for the free bosonic string 215 (1988) 111

Ader, J.P., F. Gieres and J.C. Wallet, Topological super Yang–Mills theories 226 (1989) 302

Adler, J., J.J. Becker, G.T. Blaylock, T. Bolton, J.C. Brient, J.S. Brown, K.O. Bunnell, M. Burchell, T.H. Burnett, R.E. Cassell, D. Coffman, V. Cook, D.H. Coward, D.E. Dorfan, J. Drinkard, G.P. Dubois, A.L. Duncan, G. Eigen, K.F. Einsweiler, B.I. Eisenstein, T. Freese, C. Gatto, G. Gladding, C. Grab, R.P. Hamilton, J. Hauser, C.A. Heusch, D.G. Hitlin, J.M. Izen, P.C. Kim, L. Köpke, A. Li, W.S. Lockman, U. Mallik, C.G. Matthews, A. Mincer, R. Mir, P.M. Mockett, R.F. Mozley, B. Nemati, A. Odian, L. Parrish, R. Partridge, J. Perrier, D. Pitman, S.A. Plaetzer, J.D. Richman, H.F.W. Sadrozinski, M. Scarlatella, T.L. Schalk, R.H. Schindler, A. Seiden, C. Simopoulos, A.L. Spadafora, I.E. Stockdale, W. Stockhausen, J.J. Thaler, W. Toki, B. Tripsas, F. Villa, S. Wasserbaech, A. Wattenberg, A.J. Weinstein, N. Wermes, H.J. Willutzki, D. Wisinski, W.J. Wisniewski, R. Xu and Y. Zhu, Measurement of the D* branching ratios, Phys. Lett. B 208 (1988) 152. Erratum 227 (1989) 501

Adler, S.L., A new embedding of quantum electrodynamics in a non-abelian gauge structure 221 (1989) 39

Adler, S.L., A new electroweak and strong interaction unification scheme 225 (1989) 143

Adler, S.L., A new embedding of quantum electrodynamics in a non-abelian gauge structure, Phys. Lett. B 221 (1989) 39. Erratum 225 (1989) 463

Adler, S.L., A new electroweak and strong unification scheme, Phys. Lett. B 225 (1989) 143. Erratum 228 (1989) 560
Adolphsen, C.E., see A. Snyder 229 (1989) 169
Adrian, S.D., see G.J. Kim 219 (1989) 62
Aerts, A.T.M. and L. Heller, Excited states of the Ω^- 221 (1989) 194
Aggarwal, M.M., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Agnew, L., see A.L. Williams 216 (1989) 11
Agrawal, P. and S.D. Ellis, On detecting new heavy quarks at hadron colliders 221 (1989) 393
Agrawal, P. and S.D. Ellis, Looking for a Higgs boson of intermediate mass 229 (1989) 145
Ahmad, I., see W.R. Phillips 212 (1988) 402
Ahmad, I., see H. Emling 217 (1989) 33
Ahmad, S., see G. Reifenröther 214 (1988) 325
Ahmad, S., see M. Doser 215 (1988) 792
Ahmad, S., see B. May 225 (1989) 450
Ahme, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Ahmed, M.A. and M.S. Rasheed, QCD finite energy sum rule calculation of the K→vacuum weak amplitude 215 (1988) 767
Ahmed, M.A. and M.S. Rasheed, QCD sum rule analysis of the K→vacuum weak amplitude 227 (1989) 270
Ahn, C. and M.A. Walton, Spectra of strings on nonsimply-connected group manifolds 223 (1989) 343
Aichelin, J., C. Hartnack, A. Bohnet, L. Zhuxia, G. Peilert, H. Stöcker and W. Greiner, QMD versus BUU/VUU. Same results from different theories 224 (1989) 34
Aihara, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Aiken, C.L.V., see M.M. Nieto 228 (1989) 448
Ainsworth, T.L., J. Wambach and D. Pines, Effective interactions and superfluid energy gaps for low density neutron matter 222 (1989) 173
Ainsworth, T.L., S. Drożdż, J. Speth and J. Wambach, Collective particle–hole screening effects in ^{208}Pb 228 (1989) 299
Ajaltouni, Z., see A. Antonelli 212 (1988) 133
Ajaltouni, Z., see M.H. Tixier 212 (1988) 523
Ajaltouni, Z., see D. Bisello 220 (1989) 321
Ajinenko, I.V., Yu.A. Belokopytov, H. Böttcher, F. Botterweck, P.V. Chliapnikov, F. Crijns, A. de Roeck, E.A. de Wolf, K. Dziunukowska, P.F. Ermolov, Z.G. Gartuchava, N.G. Grigoryan, P. van Hal, T. Haupt, W. Kittel, B.B. Levchenko, J. Mäkelä, E. Markhorst, F. Meijers, A.B. Michałowska, V.I. Nikolaenko, L.C.S. Oliveira, K. Olkiewicz, V.M. Ronjin, A.M. Rybin, H.R. Rollof, H.M.T. Saarikko, L. Scholten, V.V. Shakhbazyan, J. Stepaniak, O.G. Tchikilev, A.G. Tomaradze, V.A. Uvarov, F. Verbeure, R. Wischnewski, W. Zielinski and S.A. Zotkin, Intermittency patterns in π^+p and K^+p collisions at 250 GeV/c 222 (1989) 306
Akagi, T., see T. Kitagaki 214 (1988) 281
Akchurin, N., D. Carey, R. Coleman, M.D. Corcoran, J.D. Cossairt, A. Derevschikov, M.M. Gazzaly, D.P. Grosnick, D. Hill, K. Imai, K. Kuroda, M. Laghai, F. Lehar, A. de Lesquen, D. Lopiano, F.C. Luehring, A. Maki, S. Makino, A. Masaike, Yu.A. Matulenko, A.P. Meschanin, A. Michalowicz, D.H. Miller, K. Miyake, T. Nagamine, F. Nessi-Tedaldi, M. Nessi, C. Nguyen, S.B. Nurushev, Y. Ohashi, Y. Onel, G. Pauletta, A. Penzo, G.C. Phillips, A.L. Read, J.B. Roberts, L. van Rossum, G. Salvato, P. Schiavon, T. Shima, V.L. Solovyanov, H. Spinka, R.W. Stanek, R. Takashima, F. Takeutchi, N. Tamura, N. Tanaka, D.G. Underwood, A.N. Vasiliev, A. Villari, J.L. White, A. Yokosawa, T. Yoshida and A. Zanetti, Analyzing-power measurements of

Coulomb-nuclear interference with the polarized-proton and -antiproton beams at 185 GeV/c 229 (1989) 299
Akdeniz, K.G., A. Kizilersü and E. Rizaoğlu, Instanton and eigenmodes in a two-dimensional theory of gravity with torsion 215 (1988) 81
Akerlof, C., see S. Abachi 212 (1988) 533; 226 (1989) 405
Akerlof, C., see A. Snyder 229 (1989) 169
Åkesson, T., S. Almehed, A.L.S. Angelis, N. Armenise, H. Atherton, P. Aubry, H.W. Bartels, G. Beaudoin, J.M. Beaulieu, H. Beker, O. Benary, D. Bettoni, V. Bisi, I. Blevis, H. Bøggild, W. Cleland, M. Clemen, B. Collick, F. Corriveau, S. Dagan, K. Dederichs, S. Dell'Uomo, P. Depommier, R.C.E. Devenish, N. DiGiacomo, S. Di Liberto, J.R. Dodd, B. Dolgoshein, A. Drees, H. En'yo, B. Erlandsson, M.J. Esten, C.W. Fabjan, P. Fischer, Z. Fraenkel, A. Gaidot, I. Gavrilenko, F. Gibrat-Debu, P. Giubellino, P. Glässel, U. Goerlach, R. Haglund, L.A. Hamel, H. van Hecke, V. Hedberg, R. Heifetz, A. Hölscher, B. Jacak, G. Jarlskog, S. Johansson, A. Kalinovski, A. Kantserov, H. Kraner, V. Kroh, F. Lamarche, C. Leroy, L. Lessard, D. Lissauer, G. London, B. Lörstad, A. Lounis, A. Marzari-Chiesa, M. Masera, S. Mayburov, M.A. Mazzoni, E. Mazzucato, M.L. McCubbin, N.A. McCubbin, P. McGaughey, F. Meddi, U. Mjörnmark, M.T. Muciaccia, S. Muraviev, M. Murray, M. Neubert, P. Nevski, S. Nilsson, L. Olsen, Y. Oren, J.P. Pansart, Y.M. Park, A. Pfeiffer, F. Piuz, V. Polychronakos, G. Poulard, M. Price, D. Rahm, L. Ramello, L. Riccati, G. Romano, G. Rosa, J. Russ, J. Schukraft, M. Sekimoto, B. Sellden, M. Seman, A. Shmeleva, P. Shotton, V. Sidorov, S. Simone, Y. Sirois, H. Sletten, S. Smirnov, W. Sondheim, H.J. Specht, I. Stumer, A. Sumarokov, J. Sunier, V. Tcherniatin, H.H. Thodberg, J. Thompson, V. Tikhomirov, I. Tserruya, G. Vasseur, R. Veenhof, R. Wigmans and W. Willis, The transverse-energy distributions of ^{32}S–nucleus collisions at 200 GeV per nucleon 214 (1988) 295
Akhmedov, E.Kh., Resonant amplification of neutrino spin rotation in matter and the solar-neutrino problem 213 (1988) 64
Akhoury, R. and F.J. Yndurain, Quark mass effects and anomalies 211 (1988) 156
Akhoury, R. and J.-M. Frère, η, η' mixing and anomalies 220 (1989) 258
Akhundov, A.A., see A.C. Benvenuti 223 (1989) 485, 490
Alacoque, C., P. Ruelle, E. Thiran, D. Verstegen and J. Weyers, Quantum amplitudes on p-adic fields 211 (1988) 59
Alacoque, C., C. Deom and J. Pestieau, Critical behavior in a non-asymptotically free version of the $SU(3)_c \times SU(2)_L \times U(1)_Y$ model 228 (1989) 370
Alam, M.S., see P. Avery 223 (1989) 470
Alam, M.S., see R. Fulton 224 (1989) 445
Alam, M.S., see W.-Y. Chen 226 (1989) 192
Alam, M.S., N. Katayama, I.J. Kim, W.C. Li, X.C. Lou, C.R. Sun, D. Bortoletto, M. Goldberg, N. Horwitz, M.D. Mestayer, G.C. Moneti, V. Sharma, I.P.J. Shipsey, T. Skwarnicki, S.E. Csorna, T. Letson, I.C. Brock, T. Ferguson, J. Alexander, M. Artuso, C. Bebek, K. Berkelman, D.G. Cassel, E. Cheu, D.M. Coffman, G. Crawford, J.W. DeWire, P.S. Drell, R. Ehrlich, R.S. Galik, B. Gittelman, S.W. Gray, A.M. Halling, D.L. Hartill, B.K. Heltsley, J. Kandaswamy, R. Kowalewski, D.L. Kreinick, Y. Kubota, J.D. Lewis, N.B. Mistry, J. Mueller, R. Namjoshi, S. Nandi, E. Nordberg, C. O'Grady, D. Peterson, M. Pisharody, D. Riley, M. Sapper, A. Silverman, S. Stone, H. Worden, M. Worris, A.J. Sadoff, P. Avery, D. Besson, L. Garren, J. Yelton, T. Bowcock, K. Kinoshita, F.M. Pipkin, M. Procario, R. Wilson, J. Wolinski, D. Xiao, R. Ammar, P. Baringer, P. Haas, H. Lam, A. Jawahery, C.H. Park, D. Perticone, R. Poling, R. Fulton,

M. Hempstead, T. Jensen, D.R. Johnson, H. Kagan, R. Kass, F. Morrow, J. Whitmore, W.-Y. Chen, J. Dominick, R.L. McIlwain, D.H. Miller, C.R. Ng, E.-I. Shibata, W.-M. Yao, K. Sparks and E.H. Thorndike, Measurement of the isospin mass splitting $\Xi_c^+ - \Xi_c^0$ 226 (1989) 401

Albajar, C., M.G. Albrow, O.C. Allkofer, A. Astbury, B. Aubert, T. Axon, C. Bacci, T. Bacon, N. Bains, J.R. Batley, G. Bauer, S. Beingessner, A. Bettini, A. Bezaguet, R. Bonino, K. Bos, M. Botlo, E. Buckley, G. Busetto, F. Cavanna, P. Cennini, S. Centro, F. Ceradini, D.G. Charlton, G. Ciapetti, S. Cittolin, D. Clarke, D. Cline, C. Cochet, J. Colas, P. Colas, M. Corden, J.A. Coughlan, G. Cox, D. Dau, J.P. DeBrion, M. DeGiorgi, M. Della Negra, M. Demoulin, D. Denegri, A. DiCiaccio, F.J. Diez Hedo, L. Dobrzynski, J. Dorenbosch, J.D. Dowell, E. Duchovni, K. Eggert, E. Eisenhandler, N. Ellis, P. Erhard, H. Faissner, I.F. Fensome, A. Ferrando, M. Fincke-Keeler, P. Flynn, G. Fontaine, J. Garvey, S. Geer, A. Geiser, C. Ghesquiere, P. Ghez, C. Ghiglino, Y. Giraud-Heraud, A. Givernaud, A. Gonidec, H. Grassmann, J.M. Gregory, W. Haynes, S.J. Haywood, D.J. Holthuizen, M. Ikeda, W. Jank, M. Jimack, G. Jorat, D. Joyce, P.I.P. Kalmus, V. Karimäki, R. Keeler, I. Kenyon, A. Kernan, A. Khan, W. Kienzle, R. Kinnunen, M. Krammer, J. Kroll, D. Kryn, F. Lacava, M. Landon, J.P. Lees, R. Leuchs, S. Levegrün, S. Li, M. Lindgren, D. Linglin, P. Lipa, E. Locci, T. Markiewicz, C. Markou, M. Markytan, M.A. Marquina, G. Maurin, J.-P. Mendiburu, A. Meneguzzo, J.P. Merlo, T. Meyer, M.-N. Minard, M. Mohammadi, K. Morgan, H.-G. Moser, A. Moulin, B. Mours, Th. Muller, L. Naumann, P. Nedelec, A. Nisati, A. Norton, V. O'Dell, F. Pauss, C. Perault, E. Petrolo, G. Piano Mortari, E. Pietarinen, C. Pigot, M. Pimiä, A. Placci, J.-P. Porte, M. Preischl, E. Radermacher, T. Redelberger, H. Reithler, J.-P. Revol, D. Robinson, T. Rodrigo, J. Rohlf, C. Rubbia, G. Sajot, G. Salvini, J. Sass, D. Samyn, D. Schinzel, M. Schröder, A. Schwartz, W. Scott, C. Seez, T.P. Shah, I. Sheer, I. Siotis, D. Smith, R. Sobie, P. Sphicas, C. Stubenrauch, D. Summers, K. Sumorok, F. Szoncso, C. Tao, A. Taurok, I. Ten Have, S. Tether, G. Thompson, E. Tscheslog, J. Tuominiemi, W. van de Guchte, A. van Dijk, B. van Eijk, J.P. Vialle, L. Villasenor, T.S. Virdee, W. von Schlippe, J. Vrana, V. Vuillemin, K. Wacker, G. Walzel, A. Wildish, I. Wingerter, S.J. Wimpenny, X. Wu, C.-E. Wulz, M. Yvert, C. Zaccardelli, I. Zacharov, N. Zaganidis, L. Zanello and P. Zotto, Measurement of the bottom quark production cross section in proton–antiproton collisions at $\sqrt{s} = 0.63$ TeV 213 (1988) 405

Albajar, C., M.G. Albrow, O.C. Allkofer, B. Andrieu, K. Ankoviak, R. Apsimon, A. Astbury, B. Aubert, C. Bacci, T. Bacon, N. Bains, G. Bauer, S. Beingessner, A. Bettini, A. Bezaguet, P. Biddulph, H. Bohn, A. Böhrer, R. Bonino, K. Bos, M. Botlo, B. Buschbeck, G. Busetto, A. Caner, P. Casoli, F. Cavanna, P. Cennini, S. Centro, F. Ceradini, D.G. Charlton, G. Ciapetti, S. Cittolin, E. Clayton, D. Cline, J. Colas, P. Colas, R. Conte, J.A. Coughlan, G. Cox, D. Dau, J.P. DeBrion, M. DeGiorgi, M. Della Negra, M. Demoulin, D. Denegri, H. Dibon, A. DiCiaccio, F.J. Diez Hedo, L. Dobrzynski, J. Dorenbosch, J.D. Dowell, K. Eggert, E. Eisenhandler, N. Ellis, P. Erhard, H. Faissner, I.F. Fensome, A. Ferrando, M. Fincke-Keeler, L. Fortson, T. Fuess, J. Garvey, S. Geer, A. Geiser, C. Ghiglino, Y. Giraud-Heraud, A. Givernaud, A. Gonidec, J.M. Gregory, W. Haynes, D.J. Holthuizen, M. Ikeda, W. Jank, M. Jimack, G. Jorat, D. Joyce, P.I.P. Kalmus, V. Karimäki, R. Keeler, I. Kenyon, A. Kernan, A. Khan, W. Kienzle, R. Kinnunen, M. Krammer, J. Kroll, D. Kryn, F. Lacava, S. Lammel, M. Landon, R. Leuchs, S. Levegrün, M. Lindgren, D. Linglin, P. Lipa, C. Markou, M. Markytan, M.A. Marquina, G. Maurin, S. McMahon, J.-P. Mendiburu, A. Meneguzzo, J.P. Merlo, T. Meyer, T. Moers, M. Mohammadi, K. Morgan, H.-G. Moser, A. Moulin, B. Mours,

Th. Muller, L. Naumann, P. Nedelec, M. Nikitas, A. Nisati, A. Norton, V. O'Dell, G. Pancheri, F. Pauss, E. Petrolo, G. Piano Mortari, E. Pietarinen, M. Pimiä, A. Placci, J.-P. Porte, M. Preischl, R. Prosi, E. Radermacher, T. Redelberger, H. Reithler, J.-P. Revol, D. Robinson, T. Rodrigo, J. Rohlf, C. Rubbia, G. Sajot, G. Salvini, J. Sass, D. Samyn, D. Schinzel, M. Schröder, A. Schwartz, W. Scott, C. Seez, T.P. Shah, I. Siotis, D. Smith, P. Sphicas, C. Stubenrauch, K. Sumorok, F. Szoncso, A. Taurok, L. Taylor, I. Ten Have, S. Tether, G. Thompson, E. Tscheslog, J. Tuominiemi, W. Van de Guchte, A. Van Dijk, S. Veneziano, J.P. Vialle, T.S. Virdee, W. Von Schlippe, J. Vrana, V. Vuillemin, K. Wacker, G. Walzel, I. Wingerter, X. Wu, C.-E. Wulz, M. Yvert, C. Zaccardelli, I. Zacharov, L. Zanello and P. Zotto, Bose–Einstein correlations at $\bar{p}p$ interactions at $\sqrt{s}=0.2$ to 0.9 TeV 226 (1989) 410

Albajar, C., M.G. Albrow, O.C. Allkofer, B. Andrieu, K. Ankoviak, R. Apsimon, A. Astbury, B. Aubert, C. Bacci, T. Bacon, N. Bains, G. Bauer, S. Beingessner, A. Bettini, A. Bezaguet, P. Biddulph, H. Bohn, A. Böhrer, R. Bonino, K. Bos, M. Botlo, B. Buschbeck, G. Busetto, A. Caner, P. Casoli, F. Cavanna, P. Cennini, S. Centro, F. Ceradini, D.G. Charlton, G. Ciapetti, S. Cittolin, E. Clayton, D. Cline, J. Colas, P. Colas, R. Conte, J.A. Coughlan, G. Cox, D. Dau, J.P. DeBrion, M. DeGiorgi, M. Della Negra, M. Demoulin, D. Denegri, H. Dibon, A. DiCiaccio, F.J. Diez Hedo, L. Dobrzynski, J. Dorenbosch, J.D. Dowell, K. Eggert, E. Eisenhandler, N. Ellis, P. Erhard, H. Faissner, I.F. Fensome, A. Ferrando, M. Fincke-Keeler, L. Fortson, T. Fuess, J. Garvey, S. Geer, A. Geiser, C. Ghiglino, Y. Giraud-Heraud, A. Givernaud, A. Gonidec, J.M. Gregory, W. Haynes, D.J. Holthuizen, M. Ikeda, W. Jank, M. Jimack, G. Jorat, D. Joyce, P.I.P. Kalmus, V. Karimäki, R. Keeler, I. Kenyon, A. Kernan, A. Khan, W. Kienzle, R. Kinnunen, M. Krammer, J. Kroll, D. Kryn, F. Lacava, S. Lammel, M. Landon, R. Leuchs, S. Levegrün, M. Lindgren, D. Linglin, P. Lipa, C. Markou, M. Markytan, M.A. Marquina, G. Maurin, S. McMahon, J.-P. Mendiburu, A. Meneguzzo, J.P. Merlo, T. Meyer, T. Moers, M. Mohammadi, K. Morgan, H.-G. Moser, A. Moulin, B. Mours, Th. Muller, L. Naumann, P. Nedelec, M. Nikitas, A. Nisati, A. Norton, V. O'Dell, G. Pancheri, F. Pauss, E. Petrolo, G. Piano Mortari, E. Pietarinen, M. Pimiä, A. Placci, J.-P. Porte, M. Preischl, R. Prosi, E. Radermacher, T. Redelberger, H. Reithler, J.-P. Revol, D. Robinson, T. Rodrigo, J. Rohlf, C. Rubbia, G. Sajot, G. Salvini, J. Sass, D. Samyn, D. Schinzel, M. Schröder, A. Schwartz, W. Scott, C. Seez, T.P. Shah, I. Siotis, D. Smith, P. Sphicas, C. Stubenrauch, K. Sumorok, F. Szoncso, A. Taurok, L. Taylor, I. Ten Have, S. Tether, G. Thompson, E. Tscheslog, J. Tuominiemi, W. Van de Guchte, A. Van Dijk, S. Veneziano, J.P. Vialle, T.S. Virdee, W. Von Schlippe, J. Vrana, V. Vuillemin, K. Wacker, G. Walzel, I. Wingerter, X. Wu, C.-E. Wulz, M. Yvert, C. Zaccardelli, I. Zacharov, L. Zanello and P. Zotto, Bose–Einstein correlations at $\bar{p}p$ interactions at $\sqrt{s}=0.2$ to 0.9 TeV, Phys. Lett. B 226 (1989) 410. Erratum 229 (1989) 439

Alberty, J.M., Handling non-critical random surfaces. A combinatorial approach to wormhole formation 221 (1989) 250

Alberty, J.M., Topological fluctuations and foam in simplicial 2D quantum gravity 228 (1989) 483

Albeverio, S., T. Hida, J. Potthoff and L. Streit, The vacuum of the Høegh-Krohn model as a generalized white noise functional 217 (1989) 511

Albeverio, S., R. Høegh-Krohn, H. Holden and T. Kolsrud, Construction of quantised Higgs-like fields in two dimensions 222 (1989) 263

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, A. Yagil, R.D. Appuhn, A. Drescher, D. Kamp, H. Kolanoski, U. Matthiesen, H. Scheck,

G. Schweda, B. Spaan, A. Walther, D. Wegener, J.C. Gabriel, T. Ruf, K.R. Schubert, J. Stiewe, K. Strahl, R. Waldi, S. Werner, K.W. Edwards, W.R. Frisken, D.J. Gilkinson, D.M. Gingrich, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, H.C.J. Seywerd, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, B. Boštjančič, G. Kernel, P. Križan, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, V. Matveev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, Observation of the charmed baryon Σ_c in e^+e^- annihilations 211 (1988) 489

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, A. Yagil, R.D. Appuhn, A. Drescher, C. Hast, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, U. Matthiesen, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, J.C. Gabriel, T. Ruf, S. Schael, K.R. Schubert, J. Stiewe, K. Strahl, R. Waldi, S. Werner, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, First observation of $\gamma\gamma \to K'^+K'^-$ 212 (1988) 528

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, A. Yagil, R.D. Appuhn, A. Drescher, C. Hast, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, U. Matthiesen, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, W. Funk, J.C. Gabriel, J. Stiewe, S. Werner, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, B meson decays to $D\pi$ and $D\rho$ 215 (1988) 424

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, A. Yagil, R.D. Appuhn, A. Drescher, C. Hast, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, U. Matthiesen, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, W. Funk, J.C. Gabriel, J. Stiewe, S. Werner, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers,

C.W. Darden and R.C. Fernholz, Observation of the orbitally excited Λ(1520) baryon in e^+e^- annihilation 215 (1988) 429

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, A. Yagil, R.D. Appuhn, A. Drescher, C. Hast, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, U. Matthiesen, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, U. Volland, H. Wegener, W. Funk, J.C. Gabriel, J. Stiewe, S. Werner, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, A measurement of $\gamma\gamma \to \rho^+\rho^-$ 217 (1989) 205

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, U. Volland, H. Wegener, W. Funk, J.C. Gabriel, J. Stiewe, S. Werner, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, Measurement of D^{*+} polarization in the decay $\bar{B}^0 \to D^{*+}\ell^-\bar{\nu}$ 219 (1989) 121

Albrecht, H., P. Böckmann, R. Gläser, G. Harder, A. Krüger, A. Nippe, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, J. Spengler, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, D. Kamp, H. Kolanoski, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, U. Volland, H. Wegener, W. Funk, J.C. Gabriel, J. Stiewe, S. Werner, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, A.W. Nilsson, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Ammar, S. Ball, D. Coppage, R. Davis, S. Kanekal, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers, C.W. Darden and R.C. Fernholz, Observation of the $D^{*0}(2459)$ in e^+e^- annihilation 221 (1989) 422

Albrecht, H., R. Gläser, G. Harder, A. Krüger, A. Nippe, T. Oest, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, H. Kolanoski, A. Lange, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, M. Paulini,

K. Reim, U. Volland, H. Wegener, W. Funk, J. Stiewe, S. Werner, S. Ball, J.C. Gabriel, C. Geyer, A. Hölscher, W. Hofmann, B. Holzer, S. Khan, J. Spengler, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, P. Krieger, R. Kutschke, D.B. MacFarlane, K.W. McLean, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Davis, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, S. Weseler, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A.W. Nilsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers and C.W. Darden, Measurement of the decay $B^0 \to D^- \ell^+ \nu$ 229 (1989) 175

Albrecht, H., R. Gläser, G. Harder, A. Krüger, A. Nippe, T. Oest, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, H. Kolanoski, A. Lange, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, M. Paulini, K. Reim, U. Volland, H. Wegener, W. Funk, J. Stiewe, S. Werner, S. Ball, J.C. Gabriel, C. Geyer, A. Hölscher, W. Hofmann, B. Holzer, S. Khan, J. Spengler, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, P. Krieger, R. Kutschke, D.B. MacFarlane, K.W. McLean, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Davis, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, S. Weseler, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A.W. Nilsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers and C.W. Darden, Search for $b \to s\gamma$ in exclusive decays of B mesons 229 (1989) 304

Albrecht, H., R. Gläser, G. Harder, A. Krüger, A. Nippe, T. Oest, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, H. Kolanoski, A. Lange, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, M. Paulini, K. Reim, U. Volland, H. Wegener, W. Funk, J. Stiewe, S. Werner, S. Ball, J.C. Gabriel, C. Geyer, A. Hölscher, W. Hofmann, B. Holzer, S. Khan, J. Spengler, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, P. Krieger, R. Kutschke, D.B. MacFarlane, K.W. McLean, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, R. Davis, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, S. Weseler, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško, H.I. Cronström, L. Jönsson, A.W. Nilsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers and C.W. Darden, Observation of a new charmed-strange meson 230 (1989) 162

Albrecht, H., R. Gläser, G. Harder, A. Krüger, A. Nippe, T. Oest, M. Reidenbach, M. Schäfer, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Sefkow, R. Wurth, R.D. Appuhn, A. Drescher, C. Hast, G. Herrera, D. Kamp, H. Kolanoski, A. Lange, A. Lindner, R. Mankel, H. Scheck, G. Schweda, B. Spaan, A. Walther, D. Wegener, M. Paulini, K. Reim, U. Volland, H. Wegener, W. Funk, J. Stiewe, S. Werner, J.C. Gabriel, A. Hölscher, W. Hofmann, S. Khan, J. Spengler, C.E.K. Charlesworth, K.W. Edwards, W.R. Frisken, H. Kapitza, R. Kutschke, D.B. MacFarlane, K.W. McLean, R.S. Orr, J.A. Parsons, P.M. Patel, J.D. Prentice, S.C. Seidel, J.D. Swain, G. Tsipolitis, T.-S. Yoon, S. Ball, R. Davis, N. Kwak, T. Ruf, S. Schael, K.R. Schubert, K. Strahl, R. Waldi, S. Weseler, B. Boštjančič, G. Kernel, P. Križan, E. Križnič, M. Pleško,

H.I. Cronström, L. Jönsson, A.W. Nilsson, A. Babaev, M. Danilov, B. Fominykh, A. Golutvin, I. Gorelov, V. Lubimov, A. Rostovtsev, A. Semenov, S. Semenov, V. Shevchenko, V. Soloshenko, V. Tchistilin, I. Tichomirov, Yu. Zaitsev, R. Childers and C.W. Darden, Observation of $\Delta(1232)^{++}$ production in e^+e^- annihilations around 10 GeV 230 (1989) 169

Albrecht, R., T.C. Awes, C. Baktash, P. Beckmann, F. Berger, R. Bock, G. Claesson, L. Dragon, R.L. Ferguson, A. Franz, S.I.A. Garpman, R. Glasow, H.-Å. Gustafsson, H.H. Gutbrod, K.-H. Kampert, B.W. Kolb, P. Kristiansson, I.Y. Lee, H. Löhner, I. Lund, F.E. Obenshain, A. Oskarsson, I. Otterlund, T. Peitzmann, S. Persson, F. Plasil, A.M. Poskanzer, M. Purschke, H.-G. Ritter, S. Saini, R. Santo, H.R. Schmidt, T. Siemiarczuk, S.P. Sorensen, E. Stenlund and G.R. Young, Fluctuations and intermittency in 200 A GeV $^{16}O+$ (C, Au) reactions 221 (1989) 427

Albright, C.H. and M. Lindner, Nonlinear evolution of the three-family Fritzsch mass matrices 213 (1988) 347

Albright, C.H., Top quark mass and mixings in the presence of a heavy quark family 224 (1989) 213

Albright, C.H., Top quark mass bounds in the hierarchical chiral symmetry-breaking framework 227 (1989) 171

Albrow, M.G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439

Aldaya, V., R. Loll and J. Navarro-Salas, BRST supergroups and quantization 225 (1989) 340

Alde, D., F.G. Binon, C. Bricman, S.V. Donskov, M. Gouanère, A.V. Inyakin, V.A. Kachanov, G.V. Khaustov, E.A. Knapp, A.V. Kulik, A.A. Lednev, J.P. Peigneux, Yu.D. Prokoshkin, Yu.V. Rodnov, S.A. Sadovsky, V.D. Samoylenko, P.M. Shagin, A.V. Shtannikov, A.V. Singovsky, J.P. Stroot and V.P. Sugonyaev, Evidence for a 1.9 GeV meson decaying into $\eta\eta'$ 216 (1989) 447

Alde, D., F.G. Binon, C. Bricman, S.V. Donskov, M. Gouanère, A.V. Inyakin, V.A. Kachanov, G.V. Khaustov, E.A. Knapp, A.A. Lednev, J.P. Peigneux, Yu.D. Prokoshkin, Yu.V. Rodnov, S.A. Sadovsky, V.D. Samoylenko, P.M. Shagin, A.V. Shtannikov, A.V. Singovsky, J.P. Stroot, V.P. Sugonyaev and M.D. Tabidze, Study of $\omega\omega$ systems produced in 38 GeV/c π^- p collisions 216 (1989) 451

Alderson, A., see P. Fallon 218 (1989) 137

Alderson, A., M.A. Bentley, C. Broude, A.M. Bruce, E. Dafni, P. Fallon, G. Goldring, M. Hass, J. Nyberg, J.W. Roberts, J.F. Sharpey-Schafer, G. Sletten and P.J. Twin, The g-factor of the $K=25$ isomer in ^{182}Os 228 (1989) 463

Aleksan, R., see H.-J. Behrend 212 (1988) 515

Alessandro, B., see H. Cobbaert 213 (1988) 395

Alexander, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163

Alexander, J., see W.-Y. Chen 226 (1989) 192

Alexander, J., see M.S. Alam 226 (1989) 401

Alexander, P.J., see A. Snyder 229 (1989) 169

Alexandrov, Y.A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175

Alfaro, J. and P.H. Damgaard, Schwinger–Dyson equations as supersymmetric Ward identities 222 (1989) 425

Alfaro, J. and J.C. Retamal, Supersymmetry and large-N limit in a zero-dimensional two-matrix model 222 (1989) 429

Alford, W.P., see M.A. Moinester 230 (1989) 41

Alhendi, H., M. Özer and M.O. Taha, Top quark mass from GUT mass relations 213 (1988) 337

Aliev, T.M., M.I. Dobroliubov and A.Yu. Ignatiev, Do kaon decays constrain the fifth force? 221 (1989) 77

Alimi, M., see C. Baglin 220 (1989) 471
Alkofer, R., P.A. Amundsen and H. Reinhardt, Temperature dependence of π and π' production in heavy-ion collisions 218 (1989) 75
Allaart, K., see M.G.E. Brand 214 (1988) 483
Allaby, J.V., U. Amaldi, G. Barbiellini, M. Baubillier, F. Bergsma, A. Capone, W. Flegel, L. Lanceri, M. Metcalf, C. Nieuwenhuis, R. Pain, J. Panman, K. Winter, I. Abt, V. Blobel, A. Büngener, F.W. Büsser, P.D. Gall, T. Hebbeker, F. Niebergall, P. Stähelin, P. Gorbunov, E. Grigoriev, V. Khovansky, A. Rosanov, B. Borgia, M. Diemoz, C. Dionisi, U. Dore, F. Ferroni, E. Longo, P.F. Loverre, L. Luminari, P. Monacelli, S. Morganti, F. de Notaristefani and C. Santoni, Experimental study of x-distributions in semileptonic neutral-current neutrino and antineutrino reactions 213 (1988) 554
Allega, A.M., L.A. Fernández and A. Tarancón, New regimes in the initial cosmic string network 227 (1989) 347
Allen, P., see T. Kitagaki 214 (1988) 281
Allen, T.J., The Dirac propagator from pseudoclassical mechanics 214 (1988) 87
Allés, B., Vector-like fermions could enhance the B–$\bar{\text{B}}$ mixing 221 (1989) 343
Allison, J., see S. Bethke 213 (1988) 235
Allkofer, O.C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Allport, P.P., see J. Guy 229 (1989) 421
Almehed, S., see T. Åkesson 214 (1988) 295
Alonso, C.E., M. Lozano, C.H. Dasso and A. Vitturi, Quadrupole moments and E2 transitions in the O(6) limit of the IBM 212 (1988) 1
Alonso, J.A. and C.P. Martín, Fermionic Langevin equations without kernel and Zwanziger's gauge fixing procedure 215 (1988) 743
Alonso, J.L., J.L. Cortés and B. Pire, Could J/ψ suppression in heavy ion collisions be a higher twist effect? 228 (1989) 425
Alster, J., see J. Lichtenstadt 219 (1989) 394
Alster, J., see R.C. Walker 224 (1989) 353
Altarelli, G. and G.G. Ross, The anomalous gluon contribution to polarized leptoproduction 212 (1988) 391
Altevogt, P. and R. Kaiser, The ten-dimensional supersymmetric gauge anomaly 219 (1989) 464
Álvarez, E. and M.A.R. Osorio, Thermal strings in non-trivial backgrounds 220 (1989) 121
Alvarez, M., see A. Snyder 229 (1989) 169
Alvarez-Gaumé, L., C. Gomez and G. Sierra, Quantum group interpretation of some conformal field theories 220 (1989) 142
Alyea Jr., E.D., see T. Kitagaki 214 (1988) 281
Amako, K., see K. Abe 213 (1988) 400
Amaldi, U., see J.V. Allaby 213 (1988) 554
Amati, D., M. Ciafaloni and G. Veneziano, Can spacetime be probed below the string size? 216 (1989) 41
Amati, D. and C. Klimčík, Nonperturbative computation of the Weyl anomaly for a class of nontrivial backgrounds 219 (1989) 443
Ambjørn, J. and P. Olesen, Anti-screening of large magnetic fields by vector bosons 214 (1988) 565
Ambjørn, J. and P. Olesen, A magnetic condensate solution of the classical electroweak theory 218 (1989) 67
Ambjørn, J. and P. Olesen, A magnetic condensate solution of the classical electroweak theory, Phys. Lett. B 218 (1989) 67. Erratum 220 (1989) 659
Ambjørn, J., V.K. Mitrjushkin, V.G. Bornyakov and A.M. Zadorozhny, SU(2) lattice gauge theory with an external field 225 (1989) 153

Ambjørn, J. and G.W. Semenoff, Fermionized spin systems and the boson–fermion mapping in (2+1)-dimensional gauge theory 226 (1989) 107
Ambrus, K., see S. Bethke 213 (1988) 235
Ameeva, Z.V., see M.I. Adamovich 227 (1989) 285
Ametller, Ll., see F. del Aguila 221 (1989) 408
Amidei, D., see A. Snyder 229 (1989) 169
Ammar, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422
Ammar, R., see M.S. Alam 226 (1989) 401
Amsler, C., see G. Reifenröther 214 (1988) 325
Amsler, C., see M. Doser 215 (1988) 792
Amsler, C., see B. May 225 (1989) 450
Amundsen, P.A., see R. Alkofer 218 (1989) 75
AMY Collaboration, see A. Bacala 218 (1989) 112
AMY Collaboration, see T. Mori 218 (1989) 499
AMY Collaboration, see S.K. Kim 223 (1989) 476
AMY Collaboration, see E.H. Low 228 (1989) 548
Ander, M.E., see M.M. Nieto 228 (1989) 448
Andersen, E., P.D. Barnes, R. Blaes, H. Braun, J.M. Brom, B. Castano, M. Cherney, M. Cohler, G.E. Diebold, C. Fernández, G. Franklin, C. Garabatos, J.A. Garzón, W.M. Geist, D.E. Greiner, C.R. Gruhn, M. Hafidouni, M. Heiden, J. Hrubec, D. Huss, J.L. Jacquot, P.G. Jones, J.P.M. Kuipers, P. Ladrón de Guevara, D. Liko, G. Lovhoiden, J. MacNaughton, A. Michalon, M.E. Michalon-Mentzer, Z. Natkaniec, J.M. Nelson, G. Neuhofer, M. Pló, P. Porth, B. Powel, B. Quinn, A. Ramil, J.L. Riester, H. Rohringer, G. Sakrejda, I. Sakrejda, R.A. Schumacher, J. Traxler, J. Thorsteinsen, Ch. Voltolini, Y. Xia, A. Yánez, P. Yepes and R. Zybert, A measurement of cross sections for ^{32}S interactions with Al, Fe, Cu, Ag and Pb at 200 GeV/c per nucleon 220 (1989) 328
Anderson, A., Changing topology and non-trivial homotopy 212 (1988) 334
Andersson, B., P. Dahlqvist and G. Gustafson, An infrared-stable multiplicity measure on QCD parton states 214 (1988) 604
Andreeva, N.P., see M.I. Adamovich 227 (1989) 285
Andrews, H.R., see P. Taras 222 (1989) 357
Andrieu, B., see C. Albajar 226 (1989) 410; 229 (1989) 439
Angelini, L., M. Pellicoro, L. Nitti and G. Preparata, High-p_T physics in pp and $\bar{p}p$ scattering 211 (1988) 472
Angelis, A.L.S., see T. Åkesson 214 (1988) 295
Angelopoulos, A., A. Apostolakis, T.A. Armstrong, B. Bassalleck, G. Bueche, M. Fero, M. Gee, N. Graf, H. Koch, R.A. Lewis, M. Mandelkern, E. Minor, H. Poth, H. Rozaki, L. Sakelliou, J. Schultz, J. Schwertel, G.A. Smith, M.J. Soulliere, T. Usher and D.M. Wolfe, A measurement of the S- and P-wave content of antiproton annihilation at rest into two pions in liquid deuterium 212 (1988) 129
Anjos, J.C., J.A. Appel, A. Bean, S.B. Bracker, T.E. Browder, L.M. Cremaldi, J.E. Duboscq, J.R. Elliott, C.O. Escobar, P. Estabrooks, M.C. Gibney, G.F. Hartner, P.E. Karchin, B.R. Kumar, M.J. Losty, G.J. Luste, P.M. Mantsch, J.F. Martin, S. McHugh, S.R. Menary, R.J. Morrison, T. Nash, P. Ong, J. Pinfold, G. Punkar, M.V. Purohit, J.R. Raab, A.F.S. Santoro, J.S. Sidhu, K. Sliwa, M.D. Sokoloff, M.H.G. Souza, W.J. Spalding, M.E. Streetman, A.B. Stundžia and M.S. Witherell, A study of $D_s^{\pm}$ and $D^{\pm}$ decays into four-body final states, including $\eta\pi^{\pm}$ and $\omega\pi^{\pm}$ 223 (1989) 267

Ankoviak, K., see C. Albajar 226 (1989) 410; 229 (1989) 439
Ansari, R., P. Bagnaia, M. Banner, R. Battiston, K. Bernlöhr, C.N. Booth, K. Borer, M.K. Borghini, G. Carboni, V. Cavasinni, P. Cenci, J.-C. Chollet, A.G. Clark, C. Conta, C. Corona, F. Costantini, P. Darriulat, B. De Lotto, T. Del Prete, L. Di Lella, J. Dines-Hansen, K. Einsweiler, L. Fayard, R. Ferrari, M. Fraternali, D. Froidevaux, J.-M. Gaillard, O. Gildemeister, V.G. Goggi, C. Gössling, B. Hahn, H. Hänni, J.R. Hansen, P. Hansen, K. Hara, N. Harnew, E. Hugentobler, E. Iacopini, L. Iconomidou-Fayard, K. Jakobs, P. Jenni, E.E. Kluge, O. Kofoed-Hansen, S. Lami, E. Lançon, P. Lariccia, M. Livan, S. Loucatos, B. Madsen, B. Mansoulié, G.C. Mantovani, L. Mapelli, K. Meier, B. Merkel, R. Möllerud, M. Moniez, R. Moning, M. Morganti, C. Onions, T. Pal, M.A. Parker, G. Parrour, F. Pastore, M. Pepe, Ch. Petridou, H. Plothow-Besch, M. Polverel, L. Rasmussen, J.-P. Repellin, A. Rimoldi, A. Roussarie, V. Ruhlmann, G. Sauvage, J. Schacher, S. Stapnes, F. Stocker, M. Swartz, J. Teiger, S.N. Tovey, W.Y. Tsang, M. Valdata-Nappi, V. Vercesi, A.R. Weidberg, M. Wunsch and H. Zaccone, Measurement of the strong coupling constant α_s from a study of W bosons produced in association with jets 215 (1988) 175
Anselm, A.A., Classical states of the chiral field and nuclear collisions at very high energy 217 (1989) 169
Anselmino, M. and M.D. Scadron, Does the proton contain large strange quark components? 229 (1989) 117
Anson, Z.V., see M.I. Adamovich 227 (1989) 285
Antonelli, A., R. Baldini, S. Calcaterra, G. Capon, M. Schioppa, J.-E. Augustin, L. Ayach, G. Cosme, F. Couchot, B. Dudelzak, F. Fulda, G. Grosdidier, B. Jean-Marie, S. Jullian, D. Lalanne, V. Lepeltier, F. Mane, C. Paulot, R. Riskalla, Ph. Roy, G. Szklarz, Z. Ajaltouni, A. Falvard, J. Jousset, B. Michel, J.C. Montret, D. Bisello, G. Busetto, L. Pescara, P. Sartori and L. Stanco, Measurement of the reaction $e^+e^- \to \eta\pi^+\pi^-$ in the center of mass energy interval 1350–2400 MeV 212 (1988) 133
Antonelli, A., see M.H. Tixier 212 (1988) 523
Antonelli, A., see D. Bisello 220 (1989) 321
Antoniadis, I., C. Bachas, J. Ellis and D.V. Nanopoulos, Cosmological string theories and discrete inflation 211 (1988) 393
Antoniadis, I., J. Ellis, J.S. Hagelin and D.V. Nanopoulos, An improved flipped $SU(5)\times U(1)$ model from the four-dimensional string, Phys. Lett. B 208 (1988) 209. Addendum 213 (1988) 562
Antoniadis, I. and G.K. Leontaris, A supersymmetric $SU(4)\times O(4)$ model 216 (1989) 333
Antonuk, L., see A. Boudard 214 (1988) 6
Antreasyan, D., see S. Keh 212 (1988) 123
Antreasyan, D., see H. Janssen 228 (1989) 273
Antunović, Ž. and M. Blagojević, Nonperturbative approach to the infrared problem in monopole processes 227 (1989) 142
Aoki, S., I.-H. Lee and R.E. Shrock, $SU(2)$ lattice gauge-Higgs theory with dynamical $I=1$ fermions and the role of fermion representation in chiral phase structure 219 (1989) 335
Aoki, S., A.C. Breslin, D.H. Davis, K. Hoshino, R. Ihara, M. Imada, T. Ishigami, M. Kazuno, H. Kitamura, M. Kobayashi, M. Kobayashi, K. Kodama, Y. Maeda, A. Marzari-Chiesa, M. Masera, M.A. Mazzoni, F. Meddi, F. Minakawa, M. Miyanishi, M.T. Muciaccia, K. Nakamura, M. Nakamura, S. Nakanishi, K. Nakazawa, K. Niu, K. Niwa, M. Nomura, H. Okabe, G. Poulard, G. Romano, G. Rosa, Y. Sato, H. Shibuya, S. Simone, H. Tajima, S. Tasaka, M. Teranaka, I. Tezuka, D.N. Tovee, K. Tsukagoshi, N. Ushida and J. Yokota, The production of charmed particles in high-energy ^{16}O–emulsion central interactions 224 (1989) 441

Aoki, S., I.-H. Lee and S.-S. Xue, The breaking of chiral gauge symmetry 229 (1989) 79
Aoyama, S., Conformally invariant Yang–Mills theory realizing the Virasoro–Kac–Moody algebra 214 (1988) 538
Aoyama, S., J. Kowalski-Glikman, J. Lukierski and J.W. van Holten, Covariant BRST quantization of the four-dimensional superparticle 216 (1989) 133
Aoyama, S., 2D effective supergravity on the coadjoint orbit of the superconformal group 228 (1989) 355
Apel, W.-D., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Apostolakis, A., see A. Angelopoulos 212 (1988) 129
Appel, J.A., see J.C. Anjos 223 (1989) 267
Appelquist, T., T. Takeuchi, M.B. Einhorn and L.C.R. Wijewardhana, Higher mass scales and mass hierarchies 220 (1989) 223
Appuhn, R.D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Aprahamian, A., see N. Roy 221 (1989) 6
Aprile, E., see T.J. Phillips 224 (1989) 348
Apsimon, R., see C. Albajar 226 (1989) 410; 229 (1989) 439
Arafune, J., M. Fukugita, Y. Kohyama and K. Kubodera, ^{13}C as a solar neutrino detector 217 (1989) 186
Arai, Y., see K. Abe 213 (1988) 400
Arakelyan, T.A. and G.K. Savvidy, Cocycles of area-preserving diffeomorphisms and anomalies in the theory of relativistic surfaces 214 (1988) 350
Arakelyan, T.A. and G.K. Savvidy, Geometry of a group of area-preserving diffeomorphisms 223 (1989) 41
Araki, M., Higher order effects in neutral pion photoproduction at threshold 219 (1989) 135
Aref'eva, I.Ya., B.G. Dragovic and I.V. Volovich, Open and closed *p*-adic strings and quadratic extensions of number fields 212 (1988) 283
Aref'eva, I.Ya. and P.B. Medvedev, Anomalies in Witten's field theory of the NSR string 212 (1988) 299
Aref'eva, I.Ya., B.G. Dragovic and I.V. Volovich, *p*-adic superstrings 214 (1988) 339
Aref'eva, I.Ya., P.B. Medvedev, B.V. Urošević and A.P. Zubarev, BRST cohomology and generalized bosonization of superconformal ghosts 225 (1989) 240
Arends, J., see G.J. Kim 219 (1989) 62
Argan, P., G. Audit, A. Bloch, N. de Botton, J.L. Faure, C. Schuhl, G. Tamas, C. Tzara, E. Vincent, J. Deutsch, D. Favart, R. Prieels and B. van Oystaeyen, The threshold photoproduction of π on nucleons and on few-nucleon systems, Phys. Lett. B 206 (1988) 4. Erratum 213 (1988) 564
Argan, P., see L. Jammes 227 (1989) 21
Argan, P., see G. Audit 227 (1989) 331
Argento, A., see A.C. Benvenuti 223 (1989) 485, 490
ARGUS Collaboration, see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Argyres, P.C. and C.R. Nappi, Massive spin-2 bosonic string states in an electromagnetic background 224 (1989) 89
Arima, A., see N. Yoshida 215 (1988) 15
Arima, A., see T. Suzuki 219 (1989) 173
Arima, A., see K. Sugawara-Tanabe 229 (1989) 327
Armenise, N., see T. Åkesson 214 (1988) 295
Armenteros, R., see G. Reifenröther 214 (1988) 325
Armenteros, R., see M. Doser 215 (1988) 792

Armstrong, D.S., see S. Stanislaus 219 (1989) 237
Armstrong, T.A., see A. Angelopoulos 212 (1988) 129
Armstrong, T.A., M. Benayoun, W. Beusch, I.J. Bloodworth, M. Caponero, J.N. Carney, R. Childs, B.R. French, B. Ghidini, Y. Goldschmidt-Clermont, A. Jacholkowski, J. Kahane, J.B. Kinson, A. Kirk, K. Knudson, V. Lenti, Ph. Leruste, A. Malamant, J.L. Narjoux, F. Navach, A. Palano, E. Quercigh, N. Redaelli, L. Rossi, M. Sené, R. Sené, H.R. Shaylor, M. Stassinaki, M.T. Trainor, G. Vassiliadis, O. Villalobos Baillie, M.F. Votruba, G. Zito and R. Zitoun, A spin–parity analysis of the $f_1(1285)$ and $f_1(1420)$ mesons centrally produced in the reaction $pp \to p_f(K^0_S K^\pm \pi^\mp) p_s$ at 300 GeV/c 221 (1989) 216
Armstrong, T.A., M. Benayoun, W. Beusch, I.J. Bloodworth, M. Caponero, J.N. Carney, R. Childs, B.R. French, B. Ghidini, Y. Goldschmidt-Clermont, A. Jacholkowski, J. Kahane, J.B. Kinson, A. Kirk, K. Knudson, V. Lenti, Ph. Leruste, A. Malamant, J.L. Narjoux, F. Navach, A. Palano, S.J. Prosser, E. Quercigh, N. Redaelli, L. Rossi, M. Sené, R. Sené, H.R. Shaylor, M. Stassinaki, M.T. Trainor, G. Vassiliadis, O. Villalobos Baillie, M.F. Votruba, G. Zito and R. Zitoun, Observation of double ϕ-meson production in the central region for the reaction $pp \to p_f(K^+K^-K^+K^-)p_s$ at 300 GeV/c 221 (1989) 221
Armstrong, T.A., M. Benayoun, W. Beusch, I.J. Bloodworth, J.N. Carney, R. Childs, C. Evangelista, B.R. French, B. Ghidini, M. Girone, A. Jacholkowski, J. Kahane, J.B. Kinson, A. Kirk, K. Knudson, V. Lenti, Ph. Leruste, A. Malamant, J.L. Narjoux, F. Navach, A. Palano, E. Quercigh, N. Redaelli, L. Rossi, M. Sené, R. Sené, M. Stassinaki, M.T. Trainor, G. Vassiliadis, O. Villalobos Baillie, M.F. Votruba and J. Woodward, Observation of centrally produced $\theta/f_2(1720)$ in the reaction $pp \to p_f(K\bar{K})p_s$ at 300 GeV/c 227 (1989) 186
Armstrong, T.A., M. Benayoun, W. Beusch, I.J. Bloodworth, J.N. Carney, R. Childs, B.R. French, B. Ghidini, A. Jacholkowski, J. Kahane, J.B. Kinson, A. Kirk, K. Knudson, V. Lenti, Ph. Leruste, A. Malamant, J.L. Narjoux, F. Navach, A. Palano, E. Quercigh, N. Redaelli, L. Rossi, M. Sené, R. Sené, M. Stassinaki, M.T. Trainor, G. Vassiliadis, O. Villalobos Baillie, M.F. Votruba, G. Zito and R. Zitoun, Evidence for new states produced in the central region in the reaction $pp \to p_f(\pi^+\pi^-\pi^+\pi^-)\, p_s$ at 300 GeV/c 228 (1989) 536
Arneodo, M., A. Arvidson, J.J. Aubert, B. Badelek, J. Beaufays, C.P. Bee, C. Benchouk, G. Berghoff, I. Bird, D. Blum, E. Böhm, X. de Bouard, F.W. Brasse, H. Braun, C. Broll, S. Brown, H. Brück, A. Brüll, H. Calen, J.S. Chima, J. Ciborowski, R. Clifft, G. Coignet, F. Combley, J.A. Coughlan, G. D'Agostini, S. Dahlgren, F. Dengler, I. Derado, T. Dreyer, J. Drees, M. Drobnitzki, M. Düren, V. Eckardt, A. Edwards, M. Edwards, T. Ernst, G. Eszes, J. Favier, M.I. Ferrero, J. Figiel, J. Foster, J. Ftacnik, E. Gabathuler, J. Gajewski, R. Gamet, N. Geddes, P. Grafström, L. Gustafsson, J. Haas, E. Hagberg, F.J. Hasert, P. Hayman, P. Heusse, M. Jaffré, A. Jacholkowska, F. Janata, G. Jancso, A.S. Johnson, E.M. Kabuss, R. Kaiser, G. Kellner, A. Krüger, J. Krüger, S. Kullander, U. Landgraf, D. Lanske, J. Loken, K. Long, M. Maire, P. Malecki, A. Manz, S. Maselli, W. Mohr, F. Montanet, H.E. Montgomery, E. Nagy, J. Nassalski, P.R. Norton, F.G. Oakham, A.M. Osborne, C. Pascaud, B. Pawlik, P. Payre, C. Peroni, H. Peschel, H. Pessard, J. Pettingale, B. Pietrzyk, U. Pietrzyk, B. Pönsgen, M. Pötsch, P. Renton, P. Ribarics, K. Rith, E. Rondio, A. Sandacz, M. Scheer, A. Schlagböhmer, H. Schiemann, N. Schmitz, M. Schneegans, M. Scholz, T. Schröder, K. Schultze, A. Seidel, T. Sloan, H.E. Stier, M. Studt, G.N. Taylor, J.M. Thénard, J.C. Thompson, A. de la Torre, J. Toth, L. Urban, L. Urban, W. Wallucks, M. Whalley, S. Wheeler, W.S.C. Williams,

S.J. Wimpenny, R. Windmolders, G. Wolf and K. Ziemons, Shadowing in deep inelastic muon scattering from nuclear targets 211 (1988) 493
Arnold, E., see W. Borchers 216 (1989) 7
Arnold, R., see R.C. Walker 224 (1989) 353
Arora, R., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Arpesella, C., see Ch. Berger 227 (1989) 489
Artuso, M., see P. Avery 223 (1989) 470
Artuso, M., see R. Fulton 224 (1989) 445
Artuso, M., see W.-Y. Chen 226 (1989) 192
Artuso, M., see M.S. Alam 226 (1989) 401
Arve, P.O. and G.F. Bertsch, Collective inertia in paired systems 215 (1988) 1
Arvidson, A., see M. Arneodo 211 (1988) 493
Arvieux, J., see A. Boudard 214 (1988) 6
Arvieux, J., see R. Abegg 218 (1989) 436
Arvieux, J., see R. Bertini 228 (1989) 531
Arvieux, J., see N. Willis 229 (1989) 33
Aryal, M., see T. Kitagaki 214 (1988) 281
Asakura, H., see A. Bacala 218 (1989) 112
Asano, Y., see K. Abe 213 (1988) 400
Ashery, D., J. Lichtenstadt, E. Piasetzky, C.L. Morris, J.D. Zumbro, R. Gilman, M.W. Rawool, S. Mordechai, B. Boyer, A. Fuentes, K. Johnson, J.W. McDonald, M.J. Smithson, A. Williams, S.H. Yoo and C.F. Moore, A search for πNN bound systems 215 (1988) 41
Ashtekar, A. and J.D. Romano, Chern–Simons and Palatini actions and (2+1)-gravity 229 (1989) 56
Assenbaum, H.J., see E. Kolbe 214 (1988) 169
Astbury, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
ASTERIX Collaboration, see M. Doser 215 (1988) 792
ASTERIX Collaboration, see B. May 225 (1989) 450
Astier, P., G. Bernardi, G. Carugno, J. Chauveau, P. Chrysicopoulou, J. Dumarchez, M. Ferro-Luzzi, F. Kovacs, A. Letessier-Selvon, J.-M. Levy, M.J. Murtagh, J.-M. Perreau, Y. Pons, J.L. Stone, A.-M. Touchard, F. Vannucci, P. Wanderer and D.H. White, Search for neutrino oscillations 220 (1989) 646
Aston, D., N. Awaji, T. Bienz, F. Bird, J. D'Amore, W. Dunwoodie, R. Endorf, K. Fujii, H. Hayashii, S. Iwata, W.B. Johnson, R. Kajikawa, P. Kunz, D.W.G.S. Leith, L. Levinson, T. Matsui, B.T. Meadows, A. Miyamoto, M. Nussbaum, H. Ozaki, C.O. Pak, B.N. Ratcliff, D. Schultz, S. Shapiro, T. Shimomura, P.K. Sinervo, A. Sugiyama, S. Suzuki, G. Tarnopolsky, T. Tauchi, N. Toge, K. Ukai, A. Waite and S. Williams, Evidence for a $J^{PC}=4^{++}$ $K\bar{K}$ state at ~ 2.2 GeV/c^2 from K^-p interactions at 11 GeV/c 215 (1988) 199
Aston, D., N. Awaji, T. Bienz, F. Bird, J. D'Amore, W. Dunwoodie, R. Endorf, K. Fujii, H. Hayashii, S. Iwata, W.B. Johnson, R. Kajikawa, P. Kunz, D.W.G.S. Leith, L. Levinson, T. Matsui, B.T. Meadows, A. Miyamoto, M. Nussbaum, H. Ozaki, C.O. Pak, B.N. Ratcliff, D. Schultz, S. Shapiro, T. Shimomura, P.K. Sinervo, A. Sugiyama, S. Suzuki, G. Tarnopolsky, T. Tauchi, N. Toge, K. Ukai, A. Waite and S. Williams, Observation of a new Ω^* at 2.47 GeV/c^2 in K^-p interactions at 11 GeV/c 215 (1988) 799
Atencio, L.G., see A.L. Williams 216 (1989) 11
Athanasiu, G.G., J.J. Atick, M. Dine and W. Fischler, Remarks on Wilson lines, modular invariance and possible string relics in Calabi–Yau compactifications 214 (1988) 55

Atherton, H., see T. Åkesson 214 (1988) 295
Atick, J.J., see G.G. Athanasiu 214 (1988) 55
Atiyah, M.F. and N.S. Manton, Skyrmions from instantons 222 (1989) 438
Atoyan, G.S., S.N. Gninenko, V.I. Razin and Yu.V. Ryabov, A search for photonless annihilation of orthopositronium 220 (1989) 317
Atwood, W.B., I. Dunietz and P. Grosse-Wiesmann, *CP* violation at the Z^0 with polarized beams 216 (1989) 227
Auberson, G., On the reconstruction of a unitary matrix from its moduli. Existence of continuous ambiguities 216 (1989) 167
Aubert, B., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Aubert, J.J., see M. Arneodo 211 (1988) 493
Aubert, J.J., G. Bassompierre, K.H. Becks, C. Benchouk, C. Best, E. Böhm, X. de Bouard, F.W. Brasse, C. Broll, S.C. Brown, J. Carr, R. Clifft, J.H. Cobb, G. Coignet, F. Combley, G.R. Court, G. D'Agostini, W.D. Dau, J.K. Davies, Y. Déclais, U. Dosselli, J. Drees, A. Edwards, M. Edwards, J. Favier, M.I. Ferrero, W. Flauger, H. Forsbach, E. Gabathuler, R. Gamet, J. Gayler, V. Gerhardt, C. Gössling, P. Gregory, J. Haas, K. Hamacher, P. Hayman, M. Henckes, G. Ingelman, V. Korbel, U. Landgraf, M. Leenen, M. Maire, W. Mohr, H.E. Montgomery, K. Moser, R.P. Mount, E. Nagy, J. Nassalski, P.R. Norton, J. McNicholas, A.M. Osborne, P. Payre, C. Peroni, H. Pessard, U. Pietrzyk, K. Rith, M. Schneegans, T. Sloan, H.E. Stier, W. Stockhausen, J.M. Thénard, J.C. Thompson, L. Urban, H. Wahlen, M. Whalley, D. Williams, W.S.C. Williams, J. Williamson and S.J. Wimpenny, Evidence for anomalous prompt photons in deep inelastic muon scattering at 200 GeV 218 (1989) 248
Aubry, P., see T. Åkesson 214 (1988) 295
Auchincloss, P., see E.H. Low 228 (1989) 548
Audit, G., see P. Argan 213 (1988) 564
Audit, G., see L. Jammes 227 (1989) 21
Audit, G., A. Bloch, N. d'Hose, L. Jammes, J.M. Laget, J. Martin, C. Schuhl, G. Tamas, C. Sun, C.F. Perdrisat, L. Ghedira, D. Ben-Meir, M. Rodgers, L. Murphy, P. Stoler, P. Argan and P. Pedroni, First measurement of the reaction ^{3}He(γ, pp)n 227 (1989) 331
Auerbach, N., F. Osterfeld and T. Udagawa, The spin isovector monopole strength and the (^{3}He, t) reaction 219 (1989) 184
Auerbach, N., see M.A. Moinester 230 (1989) 41
Augé, E., see G.D. Barr 214 (1988) 303
Auger, G., see E. Plagnol 221 (1989) 11
Augustin, J.-E., see A. Antonelli 212 (1988) 133
Augustin, J.-E., see M.H. Tixier 212 (1988) 523
Augustin, J.-E., see D. Bisello 220 (1989) 321
Auld, E.G., see G. Reifenröther 214 (1988) 325
Auld, E.G., see M. Doser 215 (1988) 792
Auld, E.G., see B. May 225 (1989) 450
Austin, S.M., see D.E. Fields 220 (1989) 356
Avan, J., F.W. Nijhoff and J.M. Maillet, Spinorial linear system for self-dual Yang–Mills equations 211 (1988) 329
Avan, J. and M. Bellon, Groups of dressing transformations for integrable models in dimension two 213 (1988) 459
Aversa, F., P. Chiappetta, M. Greco and J.Ph. Guillet, Higher order corrections to QCD jets: gluon–gluon processes 211 (1988) 465

Aversa, F. and M. Greco, Coherent states and structure functions in QED 228 (1989) 134
Avery, P., D. Besson, L. Garren, J. Yelton, T. Bowcock, K. Kinoshita, F.M. Pipkin, M. Procario, R. Wilson, J. Wolinski, D. Xiao, P. Baringer, P. Haas, H. Lam, A. Jawahery, C.H. Park, D. Perticone, R. Poling, R. Fulton, M. Hempstead, T. Jensen, D.R. Johnson, H. Kagan, R. Kass, F. Morrow, J. Whitmore, W.-Y. Chen, J. Dominick, R.L. McIlwain, D.H. Miller, C.R. Ng, E.I. Shibata, W.-M. Yao, E.H. Thorndike, M.S. Alam, N. Katayama, I.J. Kim, W.C. Li, X.C. Lou, C.R. Sun, D. Bortoletto, M. Goldberg, N. Horwitz, M.D. Mestayer, G.C. Moneti, V. Sharma, I.P.J. Shipsey, T. Skwarnicki, S.E. Csorna, T. Letson, I.C. Brock, T. Ferguson, M. Artuso, C. Bebek, J. Byrd, K. Berkelman, D.G. Cassel, E. Cheu, D.M. Coffman, G. Crawford, J.W. DeWire, P.S. Drell, R. Ehrlich, R.S. Galik, B. Gittelman, S.W. Gray, A.M. Halling, D.L. Hartill, B.K. Heltsley, J. Kandaswamy, R. Kowalewski, D.L. Kreinick, Y. Kubota, J.D. Lewis, N.B. Mistry, J. Mueller, R. Namjoshi, S. Nandi, E. Nordberg, C. O'Grady, D. Peterson, M. Pisharody, D. Riley, M. Sapper, A. Silverman, S. Stone, H. Worden, M. Worris and A.J. Sadoff, A search for exclusive penguin decays of B mesons 223 (1989) 470
Avery, P., see R. Fulton 224 (1989) 445
Avery, P., see W.-Y. Chen 226 (1989) 192
Avery, P., see M.S. Alam 226 (1989) 401
Awada, M.A., The cosmological constant of modular closed string field theory. I 215 (1988) 642
Awada, M.A., The exact equivalence of Chern–Simons theory with fermionic string theory 221 (1989) 21
Awaji, N., see D. Aston 215 (1988) 199, 799
Awes, T.C., see R. Albrecht 221 (1989) 427
Axen, D.A., see G. Reifenröther 214 (1988) 325
Axen, D.A., see M. Doser 215 (1988) 792
Axen, D.A., see B. May 225 (1989) 450
Axon, T., see C. Albajar 213 (1988) 405
Ayach, L., see A. Antonelli 212 (1988) 133
Ayik, S. and C. Grégoire, Fluctuations of single-particle density in nuclear collisions 212 (1988) 269
Ayik, S. and C. Grégoire, Fluctuations of single particle density in nuclear collisions, Phys. Lett. B 212 (1988) 269. Erratum 216 (1989) 466
Azcoiti, V. and A. Tarancón, Dynamical mass generation mechanism in the lattice U(1)-Higgs model 217 (1989) 519
Azgui, F., see M. Gai 215 (1988) 242
Azimov, S.A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285
Aznauryan, I.G., S.G. Grigoryan and S.G. Matinyan, Relativistic effects in quarkonia decays with axion production 214 (1988) 637
Azuma, R.E., see D. Frekers 218 (1989) 439

Babaev, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Babelon, O., Extended conformal algebra and the Yang–Baxter equation 215 (1988) 523
Babu, K.S., E. Ma and J. Pantaleone, A model of radiative neutrino masses. Mixing and a possible fourth generation 218 (1989) 233
Babu, K.S. and X.-G. He, Fermion mass hierarchy and the strong *CP* problem 219 (1989) 342
Babu, K.S., D. Eichler and R.N. Mohapatra, Right-handed neutrino as weakly unstable dark matter 226 (1989) 347
Babu, K.S. and E. Ma, Radiative hierarchy of Majorana neutrino masses 228 (1989) 508
Babu Joseph, K., see R.P. Ignatius 220 (1989) 181
Bacala, A., R.L. Malchow, K. Sparks, R. Imlay, P. Kirk, R.R. McNeil, W. Metcalf, W. Ko, R.L. Lander, K. Maeshima, J.R. Smith, M.C.S. Williams, C.P. Cheng, Z.P. Mao, Y. Yan, Y.T. Xu, Y.C. Zhu, A. Abashian, K. Gotow, F. Kajino, E.H. Low, F. Naito, L. Piilonen, R. Childers, C.W. Darden, S. Lusin, C. Rosenfeld, S. Wilson, M. Frautschi, H. Kagan, R. Kass, C.G. Trahern, K. Abe, S. Chakrabarti, Y. Fujii, Y. Higashi, Y. Kurihara, A. Maki, T. Nozaki, T. Omori, P. Perez, H. Sagawa, Y. Sakai, Y. Sugimoto, Y. Takaiwa, S. Terada, K. Tsuchiya, R. Poling, J. Green, I.H. Park, S. Sakamoto, F. Sannes, S. Schnetzer, R. Stone, S. Trentalange, D. Zimmerman, K. Miyano, H. Miyata, M. Ogawa, Y. Yamashita, D. Blanis, A. Bodek, H. Budd, R. Coombes, S. Eno, C.A. Fry, H. Harada, Y.H. Ho, Y.K. Kim, T. Kumita, T. Mori, S.L. Olsen, N.M. Shaw, A. Sill, E.H. Thorndike, K. Ueno, H.W. Zheng, H. Asakura, K. Eguchi, H. Itoh, S. Kobayashi, A. Murakami, K. Toyoshima, J.S. Kang, H.J. Kim, S.K. Kim, M.H. Lee, S.S. Myung, E.J. Kim, G.N. Kim, D. Son, H. Kozuka, S. Matsumoto, T. Sasaki, T. Takeda, R. Tanaka, R. Chiba, K. Hanaoka, S. Igarashi, H. Murata, H. Yokota, Y. Ishi, T. Ishizuka and K. Ohta, Measurements of cross sections and charge asymmetries for $e^+e^-\to\tau^+\tau^-$ and $e^+e^-\to\mu^+\mu^-$ for $\sqrt{s}$ from 52 to 57 GeV 218 (1989) 112
Bacala, A., see T. Mori 218 (1989) 499
Bacala, A., see S.K. Kim 223 (1989) 476
Bacala, A., see E.H. Low 228 (1989) 548
Bacci, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bacelar, J.C., see E.M. Beck 215 (1988) 624
Bachas, C., see I. Antoniadis 211 (1988) 393
Bacilieri, P., E. Remiddi, G.M. Todesco, S. Cabasino, N. Cabibbo, L.A. Fernández, E. Marinari, P. Paolucci, G. Parisi, G. Salina, A. Tarancón, F. Coppola, M.P. Lombardo, E. Simeone, R. Tripiccione, G. Fiorentini, A. Lai, F. Marzano, F. Rapuano and W. Tross, The hadronic mass spectrum in quenched lattice QCD: results at $\beta=5.7$ and $\beta=6.0$ 214 (1988) 115
Bacilieri, P., E. Remiddi, G.M. Todesco, S. Cabasino, N. Cabibbo, L.A. Fernández, E. Marinari, P. Paolucci, G. Parisi, Y. Pech, G. Salina, A. Tarancón, Y. Gündüc, A. Lai, M.P. Lombardo, R. Tripiccione, G. Fiorentini, F. Marzano, F. Rapuano and W. Tross, The deconfining phase transition and the glueball channels in pure gauge QCD 220 (1989) 607
Bacilieri, P., E. Remiddi, G.M. Todesco, S. Cabasino, N. Cabibbo, L.A. Fernández, E. Marinari, P. Paolucci, G. Parisi, J. Pech, R. Sarno, G. Salina, A. Tarancón, Y. Gündüc, A. Lai, M.P. Lombardo, R. Tripiccione, G. Fiorentini, F. Marzano, F. Rapuano and W. Tross, A new computation of the correlation length near the deconfining transition in SU(3) 224 (1989) 333
Back, B.B., see P.M. Evans 229 (1989) 25
Backenstoss, G., M. Iżycki, R. Powers, P. Salvisberg, M. Steinacher, P. Weber, H.J. Weyer,

A. Hoffart, B. Rzehorz, H. Ullrich, D. Bosnar, M. Furić and T. Petković, What is the mechanism for three-nucleon absorption of pions in ^{3}He? 222 (1989) 7
Bacon, T., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Badelek, B., see M. Arneodo 211 (1988) 493
Baden, A.R., see A. Snyder 229 (1989) 169
Baer, H., V. Barger, R.J.N. Phillips and X. Tata, Dileptons from chargino and stop production at the Tevatron 220 (1989) 303
Baer, H., V. Barger and R.J.N. Phillips, Top quark detection via W+n jet measurements 221 (1989) 398
Baer, H.W., see A.L. Williams 216 (1989) 11
Bagan, E. and S. Narison, Tensor mesons in QCD: revisited 214 (1988) 451
Bagan, E. and T.G. Steele, QCD condensates and the Slavnov–Taylor identities 219 (1989) 497
Bagan, E. and M.R. Pennington, Gluon condensates and the non-perturbative behaviour of the gluon propagator 220 (1989) 453
Bagan, E. and C.P. Martin, UV-divergent part of the vacuum polarization tensor in the temporal gauge with the LM prescription. BRS identities 223 (1989) 187
Bagan, E. and T.G. Steele, Are ghost condensates necessary for the Slavnov–Taylor identities? 226 (1989) 142
Bagger, J., D. Nemeschansky and J.-B. Zuber, Minimal model correlation functions on the torus 216 (1989) 320
Baglin, C., A. Bussière, J.P. Guillaud, H. Ogren, F. Staley, A. Baldit, J. Castor, A. Devaux, J. Fargeix, X. Felgeyrolles, P. Force, L. Fredj, G. Landaud, P. Sonderegger, M.C. Abreu, G.P. Barreira, P. Bordalo, A. Casaca, A. Ferraz, R. Ferreira, J.M. Gago, P. Gomes, C. Lourenço, A. Maio, L. Peralta, M. Pimenta, S. Ramos, J. Varela, C. Gerschel, A. Sinquin, S. Borenstein, P. Busson, C. Charlot, B. Chaurand, L. Kluberg, A. Romana, R.A. Salmeron, J. Britz, P. Gorodetzky, L. Kraus, I. Linck, C. Racca, R. Cases, M. Alimi, M. Bedjidian, D. Contardo, E. Descroix, O. Drapier, J.Y. Grossiord, A. Guichard, R. Haroutunian and J.R. Pizzi, The production of J/ψ in 200 GeV/nucleon oxygen–uranium interactions 220 (1989) 471
Baglin, C., S. Baird, G. Bassompierre, C. Biino, G. Borreani, J.C. Brient, J.M. Brom, L. Bugge, T. Buran, J.P. Burq, A. Bussière, A. Buzzo, R. Cester, M. Chemarin, M. Chevallier, B. Escoubes, J. Fay, S. Ferroni, V. Gracco, J.P. Guillaud, E. Kahn-Aronsen, K. Kirsebom, B. Ille, M. Lambert, B. Larsen, L. Leistam, A. Lundby, M. Macri, F. Marchetto, M. Mattera, E. Menichetti, B. Mouëllic, N. Pastrone, L. Petrillo, M.G. Pia, J. Poole, M. Poulet, A. Pozzo, G. Rinaudo, A. Santroni, M. Severi, G. Skjevling, S. Stapnes and B. Stugu, Precision measurements of the antiproton–proton elastic scattering cross section at 90° in the incident momentum range between 3.5 GeV/c and 5.7 GeV/c 225 (1989) 296
Bagnaia, P., see R. Ansari 215 (1988) 175
Baier, V.N., V.M. Katkov and V.M. Strakhovenko, Pair production by a photon in inhomogeneous external fields 225 (1989) 193
Baier, V.N., V.M. Katkov and V.M. Strakhovenko, Electroproduction of pairs in beam–beam collisions 229 (1989) 135
Bailey, D., see G. Reifenröther 214 (1988) 325
Bailey, D., see M. Doser 215 (1988) 792
Bailey, D., see B. May 225 (1989) 450
Bailin, D., D.C. Dunbar and A. Love, Four-dimensional heterotic string models with rank $\leq$6 observable gauge group 212 (1988) 23

Bailin, D., D.C. Dunbar and A. Love, Yukawa couplings in four-dimensional fermionic string models 219 (1989) 76
Bains, N., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Baird, S., see C. Baglin 225 (1989) 296
Bak, J.F., D. Barberis, T.J. Brodbeck, A.T. Doyle, R.J. Ellison, K. Elsener, R.E. Hughes-Jones, S.D. Kolya, D. Mercer, S.P. Møller, D. Newton, P.J. Ottewell, J.B.B. Petersen, P. Siffert, A.H. Sørensen, R.J. Thompson, E. Uggerhøj and G.W. Wilson, Radiation from 170 GeV electrons and positrons traversing thin Si and Ge crystals near the ⟨110⟩ axis 213 (1988) 242
Bakas, I., The hamiltonian structure of the spin-4 operator algebra 213 (1988) 313
Bakas, I., Hamiltonian reduction and conformal symmetries in two dimensions 219 (1989) 283
Bakas, I., The large-N limit of extended conformal symmetries 228 (1989) 57
Baktash, C., see R. Albrecht 221 (1989) 427
Balakrishna, B.S., Radiatively induced lepton masses 214 (1988) 267
Balakrishna, B.S. and R.N. Mohapatra, Radiative fermion masses from new physics at TeV scale 216 (1989) 349
Balasin, H., O. Piguet, M. Schweda and M. Stierle, The cohomology problem of rigid Lorentz transformations in axial gauge theories 215 (1988) 328
Balbinot, R., On the stability of Cauchy horizons in a black hole's nucleus 227 (1989) 30
Baldini, R., see A. Antonelli 212 (1988) 133
Baldini, R., see M.H. Tixier 212 (1988) 523
Baldini, R., see D. Bisello 220 (1989) 321
Baldit, A., see C. Baglin 220 (1989) 471
Baldo, M., I. Bombaci, L.S. Ferreira, G. Giansiracusa and U. Lombardo, Nuclear matter equation of state with single particle correlations 215 (1988) 19
Balestra, F., R. Barbieri, Yu.A. Batusov, G. Bendiscioli, F.O. Breivik, S. Bossolasco, M.P. Bussa, L. Busso, I.V. Falomkin, L. Ferrero, A. Grasso, C. Guaraldo, A. Haatuft, A. Halsteinslid, T. Jacobsen, E. Lodi Rizzini, A. Maggiora, K. Myklebost, J.M. Olsen, D. Panzieri, G. Piragino, G.B. Pontecorvo, A. Rotondi, P. Salvini, M.G. Sapozhnikov, S.O. Sørensen, F. Tosello, V.I. Tretyak, A. Venaglioni and A. Zenoni, $\bar{p}$–^{3}He reaction cross section at 200 MeV/c 215 (1988) 247
Balestra, F., S. Bossolasco, M.P. Bussa, L. Busso, L. Ferrero, D. Panzieri, G. Piragino, F. Tosello, R. Barbieri, G. Bendiscioli, A. Rotondi, P. Salvini, A. Zenoni, Yu.A. Batusov, I.V. Falomkin, G.B. Pontecorvo, M.G. Sapozhnikov, V.I. Tretyak, C. Guaraldo, A. Maggiora, E. Lodi Rizzini, A. Haatuft, A. Halsteinslid, K. Myklebost, J.M. Olsen, F.O. Breivik, T. Jacobsen and S.O. Sørensen, An observation of a leading meson in $\bar{p}$+Ne reaction at 607 MeV/c incident momentum 217 (1989) 43
Balestra, F., R. Barbieri, Yu.A. Batusov, G. Bendiscioli, S. Bossolasco, F.O. Breivik, M.P. Bussa, L. Busso, C. Guaraldo, I.V. Falomkin, L. Ferrero, V. Filippini, A. Haatuft, A. Halsteinslid, T. Jacobsen, E. Lodi Rizzini, A. Maggiora, M. Masala, K. Myklebost, J.M. Olsen, D. Panzieri, G. Piragino, G.B. Pontecorvo, A. Rotondi, A.M. Rozhdestvensky, P. Salvini, M.G. Sapozhnikov, S.O. Sørensen, F. Tosello, V.I. Tretyak and A. Zenoni, Antiproton–helium annihilation around 45 MeV/c 230 (1989) 36
Balitsky, I.I. and V.M. Braun, The nonlocal operator expansion for structure functions of e^+e^- annihilation 222 (1989) 123
Balkwill, C., see W. Braunschweig 214 (1988) 286
Ball, R.D., Majorana fermion determinants 227 (1989) 445
Ball, S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169

Balog, J., see P. Forgács 227 (1989) 214
Baluni, V., Embedding and breaking of gauge symmetries 222 (1989) 103
Band, H.R., T. Camporesi, G.B. Chadwick, M.C. Delfino, R. De Sangro, W.T. Ford, M.W. Gettner, G.P. Goderre, D.E. Groom, R.B. Hurst, J.R. Johnson, T.L. Lavine, R.E. Leedy, T. Maruyama, R.L. Messner, L.J. Moss, F. Muller, H.N. Nelson, I. Peruzzi, M. Piccolo, R. Prepost, J. Pyrlik, N. Qi, A.L. Read Jr., D.M. Ritson, L.J. Rosenberg, J.C. Sleeman, J.G. Smith, J.P. Venuti, P.G. Verdini, E. von Goeler, R. Weinstein, D.E. Wiser and R.W. Zdarko, A measurement of the $e^+e^- \to b\bar{b}$ forward–backward charge asymmetry at $\sqrt{s} = 29$ GeV 218 (1989) 369
Bander, M., see M. Shin 219 (1989) 381
Bandō, H., see Y. Yamamoto 214 (1988) 173
Bandō, H., see M. Sano 224 (1989) 359
Bandyopadhyay, D., see C. Samanta 217 (1989) 381
Bandyopadhyay, D., J.N. De, S.K. Samaddar and D. Sperber, The role of asymmetry on critical and limiting temperature 218 (1989) 391
Banerjee, B., R.S. Bhalerao and V. Ravishankar, Equilibration of the quark–gluon plasma produced in relativistic heavy ion collisions 224 (1989) 16
Banerjee, M.K., see T.D. Cohen 230 (1989) 129
Banerjee, R., see S. Ghosh 220 (1989) 581
Bang, J.M., see S.N. Ershov 227 (1989) 315
Banks, T., M. Dine, H. Dijkstra and W. Fischler, Magnetic monopole solutions of string theory 212 (1988) 45
Banner, M., see R. Ansari 215 (1988) 175
Bantay, P., Symmetry breaking in orbifold models 220 (1989) 531
Banville, F., see P. Taras 222 (1989) 357
Barabash, A.S., Limit on $2\beta(0\nu\chi^0)$-decay of ^{48}Ca 216 (1989) 257
Barabash, A.S., V.V. Kuzminov, V.M. Lobashev, V.M. Novikov, B.M. Ovchinnikov and A.A. Pomansky, Results of the experiment on the search for double beta decay of ^{136}Xe, ^{134}Xe and ^{124}Xe 223 (1989) 273
Barberis, D., see J.F. Bak 213 (1988) 242
Barbiellini, G., see J.V. Allaby 213 (1988) 554
Barbiellini, G., see F. Lemeilleur 222 (1989) 518
Barbieri, R., R.N. Mohapatra and T. Yanagida, The magnetic moment of the neutrino and its implications for neutrino signal from SN1987A 213 (1988) 69
Barbieri, R., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Barbieri, R. and R.N. Mohapatra, A neutrino with a large magnetic moment and a naturally small mass 218 (1989) 225
Barbieri, R. and G. Curci, On the Higgs coupling to nucleons and pions 219 (1989) 503
Barbieri, R., M. Cerdonio, G. Fiorentini and S. Vitale, Axion to magnon conversion. A scheme for the detection of galactic axions 226 (1989) 357
Barbour, I.M., see R. Setoodeh 213 (1988) 195
Barbour, I.M., C.T.H. Davies and Z. Sabeur, Lattice QCD at finite density 215 (1988) 567
Barcelos-Neto, J. and M. Ruiz-Altaba, Superstrings with zero tension 228 (1989) 193
Bardeen, W.A., A.J. Buras and J.-M. Gerard, The B parameter beyond the leading order of the $1/N$ expansion 211 (1988) 343
Bardin, D., M. Bilenky, A. Chizhov, A. Sazonov, Yu. Sedykh, T. Riemann and M. Sachwitz,

The convolution integral for the forward–backward asymmetry in e^+e^- annihilation 229 (1989) 405
Bareyre, P., see Ch. Berger 227 (1989) 489
Barger, V. and W.-Y. Keung, Stoponium decays to Higgs bosons 211 (1988) 355
Barger, V. and T. Han, Triple gauge boson production at e^+e^- and pp supercolliders 212 (1988) 117
Barger, V., see H. Baer 220 (1989) 303; 221 (1989) 398
Barger, V., K. Hagiwara, T. Han and D. Zeppenfeld, Constraints on exotic particles from Tevatron missing transverse momentum data 220 (1989) 464
Baringer, P., see S. Abachi 212 (1988) 533; 226 (1989) 405
Baringer, P., see P. Avery 223 (1989) 470
Baringer, P., see R. Fulton 224 (1989) 445
Baringer, P., see W.-Y. Chen 226 (1989) 192
Baringer, P., see M.S. Alam 226 (1989) 401
Barish, B.C., see A. Snyder 229 (1989) 169
Barklow, T., see A. Snyder 229 (1989) 169
Barlag, S., see G. Reifenröther 214 (1988) 325
Barlag, S., see M. Doser 215 (1988) 792
Barlag, S., H. Becker, T. Böhringer, M. Bosman, V. Castillo, V. Chabaud, C. Damerell, C. Daum, H. Dietl, A. Gillman, R. Gilmore, T. Gooch, L. Görlich, P. Gras, Z. Hajduk, E. Higon, D.P. Kelsey, R. Klanner, S. Kwan, B. Lücking, G. Lütjens, V. Lüth, G. Lutz, J. Malos, W. Männer, E. Neugebauer, H. Palka, M. Pepé, J. Richardson, K. Rybicki, H.J. Seebrunner, U. Stierlin, H.G. Tiecke, G. Waltermann, S. Watts, P. Weilhammer, F. Wickens, L.W. Wiggers, M. Witek and T. Zeludziewicz, Precise determination of the lifetime of the charmed baryon Λ_c 218 (1989) 374
Barlag, S., see B. May 225 (1989) 450
Barloutaud, R., see Ch. Berger 227 (1989) 489
Barlow, R.J., see S. Bethke 213 (1988) 235
Barneoud, D., see J.A. Pinston 218 (1989) 128
Barnes, P.D., see E. Andersen 220 (1989) 328
Barnes, P.D., R. Besold, P. Birien, B.E. Bonner, W.H. Breunlich, G. Diebold, W. Dutty, R.A. Eisenstein, G. Ericsson, W. Eyrich, R. von Frankenberg, G. Franklin, J. Franz, N. Hamann, D. Hertzog, A. Hofmann, T. Johansson, K. Kilian, C. Maher, W. Oelert, S. Ohlsson, H.W. Ortner, P. Pawlek, B. Quinn, E. Rössle, H. Schledermann, H. Schmitt, J. Seydoux and P. Woldt, Threshold measurement of the reaction $\bar{p}p \to \bar{\Lambda}\Lambda$ at LEAR 229 (1989) 432
Barnett, B.A., see A. Snyder 229 (1989) 169
Barnhill III, M.V., The Fritzsch mass matrix and geometrical scaling of quark masses 214 (1988) 120
Barr, G.D., P. Clarke, D.H. Coward, D. Cundy, N. Doble, L. Gatignon, V. Gibson, R. Hagelberg, G. Kesseler, J. van der Lans, T. Miczaika, H.N. Nelson, J. Steinberger, H. Taureg, H. Wahl, C. Youngman, R. Black, D.J. Candlin, J. Muir, K.J. Peach, B. Pijlgroms, I.P.J. Shipsey, W. Stephenson, H. Blümer, R. Heinz, M. Kasemann, K. Kleinknecht, P. Mayer, B. Panzer, B. Renk, H. Rohrer, E. Augé, R.L. Chase, M. Corti, D. Fournier, P. Heusse, L. Iconomidou-Fayard, I. Harrus, A.M. Lutz, H.G. Sander, A.C. Schaffer, L. Bertanza, A. Bigi, P. Calafiura, M. Calvetti, R. Carosi, R. Casali, C. Cerri, I. Mannelli, A. Nappi, G.M. Pierazzini, H. Burkhardt, M. Holder, G. Quast, M. Rost, W. Weihs and G. Zech, Search for the decay $K_L \to \pi^0 e^+ e^-$ 214 (1988) 303
Barr, S.M. and D. Hochberg, Dynamical adjustment of the cosmological constant 211 (1988) 49
Barr, S.M., T.K. Gaisser, P. Lipari and S. Tilav, Ratio of ν_e/ν_μ in atmospheric neutrinos 214 (1988) 147
Barranco, M., see M. Pi 215 (1988) 5

Barreira, G.P., see C. Baglin 220 (1989) 471
Barreiro, F., see W. Braunschweig 214 (1988) 286
Barrette, J., see C. Bérat 218 (1989) 299
Barrow, J.D. and S. Cotsakis, Inflation and the conformal structure of higher-order gravity theories 214 (1988) 515
Barshay, S., E. Eich and L.M. Sehgal, Can *CP* violation be seen directly as a difference in exclusive charged decay modes: $B^{\pm} \to \bar{p}p\pi^{\pm}$?, Phys. Lett. B 202 (1988) 402. Erratum 212 (1988) 542
Barshay, S. and D. Rein, Analysis of high-energy $p(\bar{p})$–p diffractive, elastic scattering and multiparticle production in terms of fluctuations in the eikonal 218 (1989) 337
Barshay, S., Anomalous soft photons from a coherent hadronic phase in high-energy collisions 227 (1989) 279
Bartel, W., see S. Bethke 213 (1988) 235
Bartels, H.W., see S. Keh 212 (1988) 123
Bartels, H.W., see T. Åkesson 214 (1988) 295
Bartels, H.W., see H. Janssen 228 (1989) 273
Bartelt, J., see A. Snyder 229 (1989) 169
Bartl, A., W. Majerotto and N. Oshimo, On the production of neutralinos at the Z and W and their decay into Higgs bosons 216 (1989) 233
Bartley, J.H., see H. Cobbaert 213 (1988) 395
Barut, A.O. and M. Pavšič, Equivalence of the spinning superparticle descriptions with Grassmann variables or with c-number spinors 216 (1989) 297
Bar-Yam, Z., see J.R. Bensinger 215 (1988) 195
Barz, H.-W., H. Schulz, J.P. Bondorf, J. Lopez and K. Sneppen, On isotopic yield ratios of complex fragments from heavy ion-induced reactions 211 (1988) 10
Barz, H.-W., H. Schulz and G.F. Bertsch, Temperatures from intermediate energy heavy ion collisions 217 (1989) 397
Barz, H.-W., J.P. Bondorf, R. Donangelo, H. Schulz and K. Sneppen, Kinetic and internal fragment temperatures of a highly excited nucleus 228 (1989) 453
Basler, M., Canonical quantization and cosmological particle production in non-abelian gauge theories 212 (1988) 418
Basova, E., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Bassalleck, B., see A. Angelopoulos 212 (1988) 129
Bassetto, A., Determinants for a fermion interacting chirally with a uniform electromagnetic field in four dimensions 222 (1989) 443
Bassetto, A., I. Lazzizzera, G. Nardelli and R. Soldati, Residual gauge freedom and BRST conditions in a hamiltonian formulation of algebraic non-covariant gauges 228 (1989) 235
Bassompierre, G., see J.J. Aubert 218 (1989) 248
Bassompierre, G., see C. Baglin 225 (1989) 296
Bastianelli, F. and P. van Nieuwenhuizen, Chiral bosons coupled to supergravity 217 (1989) 98
Bastianelli, F., G.W. Delius and E. Laenen, Free quantum action and BRST charge for the superparticle 229 (1989) 223
Batakis, N.A., K. Farakos, D. Kapetanakis, G. Koutsoumbas and G. Zoupanos, Compactification over coset spaces with torsion and vanishing cosmological constant 220 (1989) 513
Batley, J.R., see C. Albajar 213 (1988) 405
Battiston, R., see R. Ansari 215 (1988) 175
Battle, C., J. Gomis, J. París and J. Roca, Lagrangian and hamiltonian BRST formalisms 224 (1989) 288
Batunin, A., High energies: again the Poisson distribution? 212 (1988) 495

Batusov, Yu.A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Baubillier, M., see J.V. Allaby 213 (1988) 554
Bauer, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bauer, W. and G.F. Bertsch, Production of energetic photons via excitation of the Δ resonance in heavy ion collisions 229 (1989) 16
Baulieu, L. and B. Grossman, A topological interpretation of stochastic quantization 212 (1988) 351
Baulieu, L. and B. Grossman, Monopoles and topological field theory 214 (1988) 223
Baulieu, L., M. Bellon and R. Grimm, Left–right asymmetric conformal anomalies 228 (1989) 325
Baum, G., see V.W. Hughes 212 (1988) 511
Baumann, P., A. Huck, G. Klotz, A. Knipper, G. Walter, G. Marguier, H.L. Ravn, C. Richard-Serre, A. Poves and J. Retamosa, ^{34}Si: a new doubly magic nucleus? 228 (1989) 458
Baye, D., see P. Descouvemont 228 (1989) 6
Baym, G., G. Friedman and I. Sarcevic, Fluctuations and coherence in ultrarelativistic heavy-ion collisions 219 (1989) 205
BCDMS Collaboration, see A.C. Benvenuti 223 (1989) 485, 490
Bean, A., see J.C. Anjos 223 (1989) 267
Beaudoin, G., see T. Åkesson 214 (1988) 295
Beaufays, J., see M. Arneodo 211 (1988) 493
Beaulieu, J.M., see T. Åkesson 214 (1988) 295
Beausang, C.W., see A.J. Kreiner 215 (1988) 629
BEBC Collaboration, see J. Guy 229 (1989) 421
Bebek, C., see P. Avery 223 (1989) 470
Bebek, C., see R. Fulton 224 (1989) 445
Bebek, C., see W.-Y. Chen 226 (1989) 192
Bebek, C., see M.S. Alam 226 (1989) 401
Beck, A., see H.-J. Behrend 218 (1989) 493; 222 (1989) 163
Beck, E.M., H. Hübel, R.M. Diamond, J.C. Bacelar, M.A. Deleplanque, K.H. Maier, R.J. McDonald, F.S. Stephens and P.O. Tjøm, Loss of collectivity along the yrast line in ^{158}Er 215 (1988) 624
Beck, F.A., see P. Fallon 218 (1989) 137
Beck, R., see G. Koch 218 (1989) 143
Becker, Ch., see P.A. Henning 217 (1989) 211
Becker, H., see S. Barlag 218 (1989) 374
Becker, J., see Ch. Berger 227 (1989) 489
Becker, J.A., see N. Roy 221 (1989) 6
Becker, J.J., see J. Adler 227 (1989) 501
Becker, K., see H. Leucker 223 (1989) 277
Becker, K.H., see Ch. Berger 227 (1989) 489
Beckmann, P., see R. Albrecht 221 (1989) 427
Becks, K.H., see J.J. Aubert 218 (1989) 248
Bediaga, I., A. Correa and E. Predazzi, Predictions about the decays of the B-mesons 215 (1988) 166
Bedjidian, M., see C. Baglin 220 (1989) 471
Bednyakov, V.A. and S.G. Kovalenko, Extra Z′-boson in $\bar{\nu}$N-elastic and some quasielastic processes 214 (1988) 640
Bednyakov, V.A. and S.G. Kovalenko, Paschos–Wolfenstein relation for elastic ($\bar{\nu}$)N-scattering 219 (1989) 96
Bee, C.P., see M. Arneodo 211 (1988) 493

Beer, G.A., see G. Reifenröther 214 (1988) 325
Beer, G.A., see M. Doser 215 (1988) 792
Beer, G.A., see B. May 225 (1989) 450
Behr, L., see Ch. Berger 227 (1989) 489
Behrend, H.-J., L. Criegee, J.B. Dainton, J.H. Field, G. Franke, H. Jung, J. Meyer, V. Schröder, G.G. Winter, P.J. Bussey, C. Buttar, A.J. Campbell, D. Hendry, G. McCurrach, J.M. Scarr, I.O. Skillicorn, K.M. Smith, J. Ahme, V. Blobel, W. Brehm, M. Feindt, H. Fenner, J. Harjes, J.H. Peters, O. Podobrin, H. Spitzer, W.-D. Apel, J. Engler, G. Flügge, D.C. Fries, J. Fuster, K. Gamerdinger, P. Grosse-Wiesmann, M. Hahn, U. Hädinger, J. Hansmeyer, H. Küster, H. Müller, K.H. Ranitzsch, H. Schneider, R. Seufert, W. de Boer, G. Buschhorn, G. Grindhammer, B. Gunderson, Ch. Kiesling, R. Kotthaus, H. Kroha, D. Lüers, H. Oberlack, P. Schacht, S. Scholz, G. Shooshtari, W. Wiedenmann, M. Davier, J.F. Grivaz, J. Haissinski, P. Janot, V. Journé, D.W. Kim, F. Le Diberder, J.-J. Veillet, K. Blohm, R. George, M. Goldberg, O. Hamon, F. Kapusta, L. Poggioli, M. Rivoal, G. D'Agostini, F. Ferrarotto, M. Iacovacci, B. Stella, R. Aleksan, G. Cozzika, Y. Ducros, F. Pierre, G. Alexander, G. Bella, J. Grunhaus, A. Klatchko, A. Levy and C. Milstène, An analysis of multihadronic events produced with two energetic leptons in e^+e^- annihilation 212 (1988) 515
Behrend, H.-J., L. Criegee, J.B. Dainton, J.H. Field, G. Franke, H. Jung, J. Meyer, V. Schröder, G.G. Winter, P.J. Bussey, C. Buttar, A.J. Campbell, D. Hendry, G. McCurrach, J.M. Scarr, I.O. Skillicorn, K.M. Smith, J. Ahme, V. Blobel, M. Feindt, H. Fenner, J. Harjes, J.H. Peters, M. Poppe, H. Spitzer, W.-D. Apel, A. Böhrer, J. Engler, G. Flügge, D.C. Fries, J. Fuster, K. Gamerdinger, P. Grosse-Wiesmann, J. Hansmeyer, J. Knapp, H. Küster, P. Mayer, H. Müller, K.H. Ranitzsch, H. Schneider, J. Wolf, W. de Boer, G. Buschhorn, G. Grindhammer, B. Gunderson, Ch. Kiesling, R. Kotthaus, H. Kroha, D. Lüers, H. Oberlack, P. Schacht, S. Scholz, G. Shooshtari, W. Wiedenmann, M. Davier, J.F. Grivaz, J. Haissinski, P. Janot, V. Journé, D.W. Kim, F. Le Diberder, A. Spadafora, J.-J. Veillet, K. Blohm, R. George, M. Goldberg, O. Hamon, F. Kapusta, L. Poggioli, M. Rivoal, G. d'Agostini, F. Ferrarotto, M. Gaspero, M. Iacovacci, B. Stella, G. Cozzika, Y. Ducros, G. Alexander, G. Bella, J. Grunhaus, A. Klatchko, A. Levy and C. Milstène, Neutrino counting with the CELLO detector and search for supersymmetric particles 215 (1988) 186
Behrend, H.-J., L. Criegee, J.B. Dainton, J.H. Field, G. Franke, H. Jung, J. Meyer, V. Schröder, G.G. Winter, P.J. Bussey, C. Buttar, A.J. Campbell, D. Hendry, G. McCurrach, J.M. Scarr, I.O. Skillicorn, K.M. Smith, J. Ahme, V. Blobel, W. Brehm, M. Feindt, H. Fenner, J. Harjes, J.H. Peters, O. Podobrin, H. Spitzer, W.-D. Apel, J. Engler, G. Flügge, D.C. Fries, J. Fuster, P. Gabriel, K. Gamerdinger, P. Grosse-Wiesmann, M. Hahn, U. Hädinger, J. Hansmeyer, H. Küster, H. Müller, K.H. Ranitzsch, H. Schneider, R. Seufert, W. de Boer, G. Buschhorn, G. Grindhammer, B. Gunderson, Ch. Kiesling, R. Kotthaus, H. Kroha, D. Lüers, H. Oberlack, P. Schacht, S. Scholz, G. Shooshtari, W. Wiedenmann, M. Davier, J.F. Grivaz, J. Haissinski, P. Janot, V. Journé, D.W. Kim, F. Le Diberder, J.-J. Veillet, K. Blohm, R. George, M. Goldberg, O. Hamon, F. Kapusta, L. Poggioli, M. Rivoal, G. d'Agostini, F. Ferrarotto, M. Iacovacci, B. Stella, G. Cozzika, Y. Ducros, G. Alexander, A. Beck, G. Bella, J. Grunhaus, A. Klatchko, A. Levy and C. Milstène, Measurement of the reaction $\gamma\rightarrow\rho^+\rho^-$ with the CELLO detector 218 (1989) 493
Behrend, H.-J., L. Criegee, J.B. Dainton, J.H. Field, G. Franke, H. Jung, J. Meyer, V. Schröder, G.G. Winter, P.J. Bussey, C. Buttar, A.J. Campbell, D. Hendry, J.M. Scarr,

I.O. Skillicorn, K.M. Smith, J. Ahme, V. Blobel, W. Brehm, M. Feindt, H. Fenner, J. Harjes, J.H. Peters, O. Podobrin, H. Spitzer, W.-D. Apel, J. Engler, G. Flügge, D.C. Fries, J. Fuster, P. Gabriel, K. Gamerdinger, P. Grosse-Wiesmann, M. Hahn, U. Hädinger, J. Hansmeyer, H. Küster, H. Müller, K.H. Ranitzsch, H. Schneider, R. Seufert, W. de Boer, G. Buschhorn, G. Grindhammer, B. Gunderson, Ch. Kiesling, R. Kotthaus, H. Kroha, D. Lüers, H. Oberlack, P. Schacht, S. Scholz, G. Shooshtari, W. Wiedenmann, M. Davier, J.F. Grivaz, J. Haissinski, P. Janot, V. Journé, D.W. Kim, F. Le Diberder, J.-J. Veillet, K. Blohm, R. George, M. Goldberg, O. Hamon, F. Kapusta, L. Poggioli, M. Rivoal, G. d'Agostini, F. Ferrarotto, M. Iacovacci, B. Stella, G. Cozzika, Y. Ducros, G. Alexander, A. Beck, G. Bella, J. Grunhaus, A. Klatchko, A. Levy and C. Milstène, τ production and decay with the CELLO detector at PETRA 222 (1989) 163

Beier, E.W., see K.S. Hirata 220 (1989) 308

Beingessner, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439

Beker, H., see T. Åkesson 214 (1988) 295

Bel'kov, A.A., G. Bohm, D. Ebert and A.V. Lanyov, Towards an explanation of the $\Delta T=\frac{1}{2}$ rule for $K\to 2\pi$ decays 220 (1989) 459

Bella, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163

Bellgardt, U., see S. Egli 222 (1989) 533

Bellini, A., see M. Ademollo 223 (1989) 318

Bellini, V., see J.A. Pinston 218 (1989) 128

Bellon, M., see J. Avan 213 (1988) 459

Bellon, M., see L. Baulieu 228 (1989) 325

Bellotti, E., O. Cremonesi, E. Fiorini, G. Gervasio, C. Liguori, S. Ragazzi, L. Rossi, J. Szarka, P.P. Sverzellati, T. Tabarelli and L. Zanotti, A search for lepton number non-conservation in double beta decay of ^{136}Xe 221 (1989) 209

Bellucci, S., M.F.L. Golterman and D.N. Petcher, The quantization of chiral bosons coupled to gravity 217 (1989) 289

Bellucci, S., Ultraviolet finiteness versus conformal invariance in the Green–Schwarz σ-model 227 (1989) 61

Belokopytov, Yu.A., see I.V. Ajinenko 222 (1989) 306

Belyaev, V.B., J. Révai and A.L. Zubarev, Dynamics of the fusion reaction in the $dt\mu^-$ system 219 (1989) 157

Benadjal, Y., see Ch. Berger 227 (1989) 489

Benary, O., see T. Åkesson 214 (1988) 295

Benayoun, M., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536

Benchouk, C., see M. Arneodo 211 (1988) 493

Benchouk, C., see J.J. Aubert 218 (1989) 248

Bendiscioli, G., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36

Benenson, W., see D.A. Cebra 227 (1989) 336

Benesh, C.J. and G.A. Miller, Valence quark distributions in the soliton bag model 215 (1988) 381

Benesh, C.J. and G.A. Miller, The spin structure of the proton 222 (1989) 476

Bengtsson, I., Yang–Mills theory and general relativity in three and four dimensions 220 (1989) 51

Bengtsson, M., Improved parton showers in ep interactions 214 (1988) 645

Bengtsson, R., see R. Wyss 215 (1988) 211

Bengtsson, R., see H. Kucharek 216 (1989) 249

Bengtsson, R., see R. Kulessa 218 (1989) 421

Ben-Meir, D., see G. Audit 227 (1989) 331

Benoit, L. and Y. Saint-Aubin, Degenerate conformal field theories and explicit expressions for some null vectors 215 (1988) 517

Bensinger, J.R., M.R. Fortner, L.E. Kirsch, H. Piekarz, R. Poster, P. Zografou, E. McCrory, L.R. Fortney, J.M. Bishop, N.N. Biswas, N.M. Cason, V.P. Kenney, J. Piekarz, M.G. Rath, R.C. Ruchti, W.D. Shephard, J. Dowd, W. Kern and Z. Bar-Yam, Upper limit for the $\Xi^0 \to \Sigma^0 \gamma$ radiative decay 215 (1988) 195
Bentley, M.A., see P. Fallon 218 (1989) 137
Bentley, M.A., see A. Alderson 228 (1989) 463
Bento, M.C., O. Bertolami, A.B. Henriques and J.C. Romão, Order α'^2 terms in the gravitational sector of string effective actions with the inclusion of the dilaton field 218 (1989) 162
Bento, M.C., O. Bertolami, A.B. Henriques and J.C. Romão, Order α'^2 equivalence of the string equations of motion and the σ-model Weyl invariance conditions. Dependence on the dilaton field 220 (1989) 113
Bento, M.C. and O. Bertolami, String-generated gravity models with cubic curvature terms 228 (1989) 348
Benton, D., see R.C. Walker 224 (1989) 353
Benvenuti, A.C., D. Bollini, G. Bruni, T. Camporesi, L. Monari, F.L. Navarria, A. Argento, J. Cvach, W. Lohmann, L. Piemontese, P. Zavada, A.A. Akhundov, V.I. Genchev, I.A. Golutvin, Yu.T. Kiryushin, V.G. Krivokhizhin, V.V. Kukhtin, R. Lednicky, S. Nemecek, P. Reimer, I.A. Savin, G.I. Smirnov, J. Strachota, G. Sultanov, P. Todorov, A.G. Volodko, D. Jamnik, R. Kopp, U. Meyer-Berkhout, A. Staude, K.-M. Teichert, R. Tirler, R. Voss, Č. Zupančič, M. Cribier, J. Feltesse, A. Milsztajn, A. Ouraou, P. Rich-Hennion, Y. Sacquin, G. Smadja and M. Virchaux, A high statistics measurement of the proton structure functions $F_2(x, Q^2)$ and R from deep inelastic muon scattering at high Q^2 223 (1989) 485
Benvenuti, A.C., D. Bollini, G. Bruni, L. Monari, F.L. Navarria, A. Argento, J. Cvach, W. Lohmann, L. Piemontese, G. Todorova, P. Zavada, A.A. Akhundov, V.I. Genchev, V.G. Krivokhizhin, V.V. Kukhtin, R. Lednicky, S. Nemecek, P. Reimer, I.A. Savin, N.B. Skachkov, A.V. Sidorov, G.I. Smirnov, J. Strachota, G. Sultanov, P. Todorov, A.G. Volodko, D. Jamnik, R. Kopp, U. Meyer-Berkhout, A. Staude, K.-M. Teichert, R. Tirler, R. Voss, Č. Zupančič, M. Cribier, J. Feltesse, A. Milsztajn, A. Ouraou, Y. Sacquin, G. Smadja and M. Virchaux, Test of QCD and a measurement of Λ from scaling violations in the proton structure function $F_2(x, Q^2)$ at high Q^2 223 (1989) 490
Benvenuto, O.G., see J.E. Horvath 213 (1988) 516
Bérat, C., M. Buenerd, J. Chauvin, J.Y. Hostachy, D. Lebrun, P. Martin, J. Barrette, B. Berthier, B. Fernandez, A. Miczaika, W. Mittig, E. Stiliaris, W. von Oertzen, H. Lenske and H.H. Wolter, Heavy ion charge exchange reactions to probe the giant electric isovector modes in nuclei 218 (1989) 299
Berdermann, E., see W. Koenig 218 (1989) 12
Berends, F.A., W.T. Giele and H. Kuijf, On relations between multi-gluon and multi-graviton scattering 211 (1988) 91
Berends, F.A., W.T. Giele, H. Kuijf, R. Kleiss and W.J. Stirling, Multijet production in W, Z events at $p\bar{p}$ colliders 224 (1989) 237
Berezhiani, Z.G. and A.Yu. Smirnov, Matter-induced neutrino decay and supernova 1987A 220 (1989) 279
Berezin, V.A., N.G. Kozimirov, V.A. Kuzmin and I.I. Tkachev, On the quantum mechanics of bubbles 212 (1988) 415
Berg, U.E.P., see C. Wesselborg 211 (1988) 500
Bergdolt, A.M., see N. Willis 229 (1989) 33
Bergdolt, G., see N. Willis 229 (1989) 33
Berger, Ch., M. Fröhlich, H. Mönch, R. Nisius, F. Raupach, P. Schleper, Y. Benadjal, D. Blum, C. Bourdarios, B. Dudelzak, P. Eschstruth, S. Jullian, D. Lalanne, F. Laplanche,

C. Longuemare, C. Paulot, O. Perdereau, Ph. Roy, G. Szklarz, L. Behr, B. Degrange, U. Nguyen-Khac, S. Tisserant, C. Arpesella, P. Bareyre, R. Barloutaud, A. Borg, G. Chardin, J. Ernwein, J.F. Glicenstein, L. Mosca, L. Moscoso, J. Becker, K.H. Becker, H.J. Daum, S. Demski, B. Jacobi, B. Kuznik, R. Mayer, H. Meyer, R. Möller, M. Schubnell, B. Seyffert, Y. Wei and P. Wintgen, Study of atmospheric neutrino interactions with the Fréjus detector 227 (1989) 489
Berger, F., see R. Albrecht 221 (1989) 427
Berger, J., see A. Boudard 214 (1988) 6
Berggren, M., see J. Guy 229 (1989) 421
Berghoff, G., see M. Arneodo 211 (1988) 493
Bergshoeff, E.A. and M. de Roo, Supersymmetric Chern–Simons terms in ten dimensions 218 (1989) 210
Bergshoeff, E.A., R.E. Kallosh and M.A. Rahmanov, Singlets of fermionic gauge symmetries 223 (1989) 391
Bergshoeff, E.A., M.J. Duff, C.N. Pope and E. Sezgin, Compactifications of the eleven-dimensional supermembrane 224 (1989) 71
Bergshoeff, E.A. and J.W. van Holten, The spectrum of spinning superparticles 226 (1989) 93
Bergsma, F., see J.V. Allaby 213 (1988) 554
Bergström, L., Υ production at large transverse momentum as a probe of axigluons 212 (1988) 386
Bergström, L., P. Poutiainen and H.R. Rubinstein, Some Higgs decays of pseudoscalar quarkonium 214 (1988) 630
Bergström, L., Radiative processes in dark matter photino annihilation 225 (1989) 372
Berkelman, K., see P. Avery 223 (1989) 470
Berkelman, K., see R. Fulton 224 (1989) 445
Berkelman, K., see W.-Y. Chen 226 (1989) 192
Berkelman, K., see M.S. Alam 226 (1989) 401
Berkovits, N., A super Koba–Nielsen formula for the scattering of two massless Ramond fermions with $N-2$ massless Neveu–Schwarz bosons 219 (1989) 278
Bernabéu, J., F.J. Botella and J. Roldán, ε'/ε and coherent decay of the K^0–$\bar{K}^0$ system 211 (1988) 226
Bernard, D. and A. LeClair, q-deformation of SU(1,1) conformal Ward identities and q-strings 227 (1989) 417
Bernard, V. and U.-G. Meißner, Strange goings on in the proton? 216 (1989) 392
Bernard, V. and U.-G. Meißner, Low energy constraints on strange matrix-elements of the proton 223 (1989) 439
Bernard, V. and U.-G. Meißner, Nucleons below the chiral phase transition 227 (1989) 465
Bernardi, E., see W. Braunschweig 214 (1988) 286
Bernardi, G., see P. Astier 220 (1989) 646
Bernaschi, M. and L.A. Fernández, A comparison between Monte Carlo algorithms for simulating lattice gauge theories 212 (1988) 211
Bernaschi, M., S. Cabasino, E. Marinari and R. Sarno, On the disordered fermion couplings 228 (1989) 383
Bernasconi, A., see R.E. Breedon 216 (1989) 459
Bernheim, M., see A. Magnon 222 (1989) 352
Bernlöhr, K., see R. Ansari 215 (1988) 175
Bernreuther, W. and M. Göckeler, An investigation of the phase structure of the two-dimensional O(2) and O(4) symmetric nonlinear sigma-models 214 (1988) 109
Bershadsky, M. and H. Ooguri, Hidden OSp(N,2) symmetries in superconformal field theories 229 (1989) 374
Bertanza, L., see G.D. Barr 214 (1988) 303
Berthier, B., see C. Bérat 218 (1989) 299

Bertini, R., see A. Boudard 214 (1988) 6
Bertini, R., M. Costa, F. Perrot, H. Catz, A. Chaumeaux, J.Cl. Faivre, E. Vercellin, J. Arvieux, J. Yonnet, B. van den Brandt, J.A. Konter, D.R. Gill, S. Mango, G.D. Wait, E. Boschitz, W. Gyles, W. List, C. Otterman, R. Tacik, M. Wessler, E. Descroix, J.Y. Grossiord and A. Guichard, Full angular distribution of the analysing power in $\bar{p}p$ elastic scattering at 697 MeV/c 228 (1989) 531
Bertl, W., see S. Egli 222 (1989) 533
Bertlmann, R.A., see A. Krämer 223 (1989) 105
Bertolami, O., see M.C. Bento 218 (1989) 162; 220 (1989) 113; 228 (1989) 348
Bertolini, S. and A. Santamaria, Stability of the VEV hierarchy and Higgs boson invisibility in majoron models 213 (1988) 487
Bertolini, S. and A. Santamaria, Astrophysical bound on the majoron–Higgs-boson coupling 220 (1989) 597
Bertsch, G.F., see P.O. Arve 215 (1988) 1
Bertsch, G.F., see H.-W. Barz 217 (1989) 397
Bertsch, G.F., see W. Bauer 229 (1989) 16
Besold, R., see P.D. Barnes 229 (1989) 432
Besprosvany, J. and S. Levit, Limiting temperature and limits of statistical particle emission in hot nuclei 217 (1989) 1
Besset, D., see S. Keh 212 (1988) 123
Besset, D., see H. Janssen 228 (1989) 273
Besson, D., see P. Avery 223 (1989) 470
Besson, D., see R. Fulton 224 (1989) 445
Besson, D., see W.-Y. Chen 226 (1989) 192
Besson, D., see M.S. Alam 226 (1989) 401
Best, C., see J.J. Aubert 218 (1989) 248
Bethke, S., J. Allison, K. Ambrus, R.J. Barlow, W. Bartel, C.K. Bowdery, S.L. Cartwright, J. Chrin, D. Clarke, A. Dieckmann, I.P. Duerdoth, G. Eckerlin, E. Elsen, R. Felst, A.J. Finch, F. Foster, T. Greenshaw, J. Hagemann, D. Haidt, J. Heintze, G. Heinzelmann, K.H. Hellenbrand, P. Hill, G. Hughes, H. Kado, K. Kawagoe, C. Kleinwort, G. Knies, T. Kobayashi, S. Komamiya, H. Krehbiel, J. von Krogh, M. Kuhlen, F.K. Loebinger, A.A. Macbeth, N. Magnussen, R. Marshall, R. Meinke, R.P. Middleton, M. Minowa, P.G. Murphy, B. Naroska, J.M. Nye, J. Olsson, F. Ould-Saada, A. Petersen, R. Ramcke, H. Rieseberg, D. Schmidt, H. von der Schmitt, L. Smolik, U. Schneekloth, J.A.J. Skard, J. Spitzer, P. Steffen, K. Stephens, A. Wagner, I.W. Walker, P. Warming, G. Weber, M. Zimmer and G.T. Zorn, Experimental investigation of the energy dependence of the strong coupling strength 213 (1988) 235
Bettini, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bettoni, D., see T. Åkesson 214 (1988) 295
Betts, R.R., see P.M. Evans 229 (1989) 25
Beusch, W., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Bezaguet, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bhalerao, R.S., see B. Banerjee 224 (1989) 16
Bhalla, K.B., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Bhasin, A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Bhatia, V.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Bhattacharyya, A., F. Mansouri, C. Vaz and L.C.R. Wijewardhana, Partition functions for two-level parastatistical systems 224 (1989) 384

Bhattacharjee, D.K. and P.J. Cherian, Empirical regularity for multiplicity distribution in pn interactions 225 (1989) 459
Bhattacharjee, P., Electromagnetic luminosity function of superconducting cosmic string loops 211 (1988) 32
Bhattacharya, S., see K. Krishan 211 (1988) 269
Białas, A. and J. Czyżewski, Attenuation of coloured strings in nuclear matter 222 (1989) 132
Białas, A. and K. Zalewski, Factorial moments for strong intermittency 228 (1989) 155
Białas, A., W. Czyz, A. Dyrek, W. Florkowski and R. Peschanski, Intermittency and the Schwinger tunneling mechanism 229 (1989) 398
Bianchi, M. and A. Sagnotti, The partition function of the SO(8192) bosonic string 211 (1988) 407
Biddulph, P., see C. Albajar 226 (1989) 410; 229 (1989) 439
Bieler, Ch., see S. Keh 212 (1988) 123
Bieler, Ch., see H. Janssen 228 (1989) 273
Bienlein, J.K., see S. Keh 212 (1988) 123
Bienlein, J.K., see H. Janssen 228 (1989) 273
Bienz, T., see D. Aston 215 (1988) 199, 799
Biesiada, M., M. Szydłowski and J. Szczęsny, Null geodesics in multi-dimensional homogeneous cosmologies 211 (1988) 42
Biesiada, M., see M. Szydłowski 220 (1989) 32
Bigi, A., see G.D. Barr 214 (1988) 303
Bigi, I.I. and A.I. Sanda, On direct *CP* violation in $B \to \overset{(-)}{D}{}^0 K\,\pi$'s versus $\bar{B} \to \overset{(-)}{D}{}^0 \bar{K}\,\pi$'s decays 211 (1988) 213
Biino, C., see C. Baglin 225 (1989) 296
Bijker, R., S. Pittel and J. Dukelsky, Boson expansions for systems of interacting bosons 219 (1989) 5
Bilal, A. and J.-L. Gervais, Superconformal algebra and super-KdV equation: two infinite families of polynomial functions with vanishing Poisson brackets 211 (1988) 95
Bilal, A., Bosonization of Z_N parafermions and $su(2)_N$ Kac–Moody algebra 226 (1989) 272
Bilal, A., A remark on the $N \to \infty$ limit of W_N-algebras 227 (1989) 406
Bilchak, C.L., D. Schildknecht and J.D. Stroughair, Shadowing in deep inelastic muon scattering on heavy nuclei 214 (1988) 441
Bilenky, M., see D. Bardin 229 (1989) 405
Bilić, N. and K. Demeterfi, One-dimensional QCD with finite chemical potential 212 (1988) 83
Billoire, A., K. Decker and R. Henzi, Universality in SU(2) lattice gauge theory with mixed action in medium-sized volumes 211 (1988) 124
Billowes, J., see S.A. Wells 211 (1988) 272
Bimbot, L., see N. Willis 229 (1989) 33
Binétruy, P. and M.K. Gaillard, Casimir effect in the effective field theory of superstrings 220 (1989) 68
Binétruy, P., G. Girardi and R. Grimm, Green–Schwarz superstring. Beltrami parametrization and worldsheet supersymmetric generalization 228 (1989) 471
Bing, O., see N. Willis 229 (1989) 33
Bini, M., T. Fazzini, A. Giannatiempo, G. Poggi, P. Sona, N. Taccetti, K. Elsener, P.G. Hansen and E. Uggerhøj, A sensitive search for the emission of a neutral particle in the decay of the first excited state in ^{16}O 221 (1989) 99
Binnefeld, J.D., E.E. Koldenhof, H.K.W. Leegte, R.H. Siemssen, Z. Sosin, H.W. Wilschut and Z. Zhang, An explicit partition of the fusion-like cross section 225 (1989) 308
Binon, F.G., see D. Alde 216 (1989) 447, 451
Birbrair, B.L., E.M. Levin and A.G. Shuvaev, The EMC effect in effective theories of nuclei 222 (1989) 281
Bird, F., see D. Aston 215 (1988) 199, 799

Bird, I., see M. Arneodo 211 (1988) 493
Birien, P., see P.D. Barnes 229 (1989) 432
Birmingham, D., M. Rakowski and G. Thompson, Supersymmetric instantons and topological quantum field theory 212 (1988) 187
Birmingham, D., M. Rakowski and G. Thompson, Topological field theories, Nicolai maps and BRST quantization 214 (1988) 381
Biró, T.S., see M. Schäfer 221 (1989) 1
Biró, T.S., Color correlations and confinement 228 (1989) 16
Bisello, D., see A. Antonelli 212 (1988) 133
Bisello, D., see M.H. Tixier 212 (1988) 523
Bisello, D., G. Busetto, A. Castro, C. Milani, M. Nigro, L. Pescara, M. Posocco, P. Sartori, L. Stanco, Z. Ajaltouni, A. Falvard, J. Jousset, B. Michel, J.C. Montret, A. Antonelli, R. Baldini, A. Calcaterra, M. Schioppa, J.-E. Augustin, G. Cosme, F. Couchot, B. Dudelzak, F. Fulda, G. Grosdidier, B. Jean-Marie, S. Jullian, D. Lalanne, V. Lepeltier, F. Mane, C. Paulot, R. Riskalla, Ph. Roy and G. Szklarz, The pion electromagnetic form factor in the time-like energy range $1.35 \leqslant \sqrt{s} \leqslant 2.4$ GeV 220 (1989) 321
Bishop, J.M., see J.R. Bensinger 215 (1988) 195
Bisi, V., see H. Cobbaert 213 (1988) 395
Bisi, V., see T. Åkesson 214 (1988) 295
Biswas, N.N., see J.R. Bensinger 215 (1988) 195
Biswas, S.N., A realization of Berry's non-abelian gauge field 228 (1989) 440
Bizard, G., see K. Hagel 229 (1989) 20
Bizot, J.C., see G. Reifenröther 214 (1988) 325
Bizot, J.C., see M. Doser 215 (1988) 792
Bizot, J.C., see B. May 225 (1989) 450
Bizzeti, A., see S. Keh 212 (1988) 123
Bizzeti, A., see H. Janssen 228 (1989) 273
Black, R., see G.D. Barr 214 (1988) 303
Blaes, R., see E. Andersen 220 (1989) 328
Blagojević, M., D.S. Popovic and B. Sazdović, Generalized canonical quantization of antisymmetric tensor gauge theory 214 (1988) 47
Blagojević, M. and B. Sazdović, Off-shell BRST quantization of reducible gauge theories 223 (1989) 325
Blagojević, M. and B. Sazdović, Off-shell BRST quantization of the bosonic string field theory 223 (1989) 331
Blagojević, M., see Ž. Antunović 227 (1989) 142
Blaizot, J.-P. and J.-Y. Ollitrault, On the A dependence of hadroproduction of J/ψ on nuclei and the E_T dependence of J/ψ suppression in nucleus–nucleus collisions 217 (1989) 386
Blaizot, J.-P. and J.-Y. Ollitrault, The p_T dependence of J/ψ production in hadron–nucleus and nucleus–nucleus collisions 217 (1989) 392
Blanis, D., see A. Bacala 218 (1989) 112
Blanis, D., see T. Mori 218 (1989) 499
Blanis, D., see S.K. Kim 223 (1989) 476
Blanis, D., see E.H. Low 228 (1989) 548
Blanpied, G.S., see G.S. Adams 219 (1989) 399
Blasi, A. and R. Collina, Basic cohomology of topological quantum field theories 222 (1989) 419
Blasi, N., see R. De Leo 226 (1989) 5, 202
Blatt, K., see H. Leucker 223 (1989) 277

Blau, M. and G. Thompson, A new class of topological field theories and the Ray–Singer torsion 228 (1989) 64
Blaylock, G.T., see J. Adler 227 (1989) 501
Blevis, I., see T. Åkesson 214 (1988) 295
Blobel, V., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Blobel, V., see J.V. Allaby 213 (1988) 554
Bloch, A., see P. Argan 213 (1988) 564
Bloch, A., see L. Jammes 227 (1989) 21
Bloch, A., see G. Audit 227 (1989) 331
Block, M.M., see B. Margolis 213 (1988) 221
Blockus, D., see S. Abachi 212 (1988) 533; 226 (1989) 405
Blockus, D., see A. Snyder 229 (1989) 169
Blohm, K., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Blok, B., Construction of composite current algebras and four-point functions 213 (1988) 309
Blok, B. and S. Yankielowicz, The Riemann monodromy problem and conformal field theories on the torus 226 (1989) 279
Blok, H.P., see R. Soundranayagam 212 (1988) 13
Blok, H.P., see A. Hogenbirk 223 (1989) 282
Blok, H.P., see G.J. Kramer 227 (1989) 199
Blomqvist, J., see H. Kader 227 (1989) 325
Bloodworth, I.J., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Bloom, E.D., see S. Keh 212 (1988) 123
Bloom, E.D., see H. Janssen 228 (1989) 273
Blucher, E., see R. Fulton 224 (1989) 445
Blucher, E., see W.-Y. Chen 226 (1989) 192
Blum, D., see M. Arneodo 211 (1988) 493
Blum, D., see Ch. Berger 227 (1989) 489
Blum, V., see J. Fink 218 (1989) 277
Blum, V., J. Fink, P.-G. Reinhard, J.A. Maruhn and W. Greiner, Potential energy surfaces of Gd isotopes in a relativistic model 223 (1989) 123
Blümer, H., see G.D. Barr 214 (1988) 303
Blunden, P.G. and M.N. Butler, The effect of meson exchange currents in a relativistic model of quasielastic (e, e′) 219 (1989) 151
Bochicchio, M. and A. Lerda, Multiloop string vertices from the path integral 217 (1989) 451
Bock, B., see W. Braunschweig 214 (1988) 286
Bock, R., see R. Albrecht 221 (1989) 427
Böckmann, P., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422
Bodek, A., see A. Bacala 218 (1989) 112
Bodek, A., see T. Mori 218 (1989) 499
Bodek, A., see S.K. Kim 223 (1989) 476
Bodek, A., see R.C. Walker 224 (1989) 353
Bodek, A., see E.H. Low 228 (1989) 548
Boehm, F., see P. Fisher 218 (1989) 257
Bøggild, H., see T. Åkesson 214 (1988) 295
Bohle, D., see D. Frekers 218 (1989) 439
Bohlen, H.G., see E. Stiliaris 223 (1989) 291

Böhm, E., see M. Arneodo 211 (1988) 493
Böhm, E., see J.J. Aubert 218 (1989) 248
Böhm, G., A. Dewald, H. Paetz gen. Schieck, G. Rauprich, R. Reckenfelderbäumer, L. Sydow, R. Wirowski and P. von Brentano, A test of parity conservation in the reaction $^{27}Al(\vec{p}, \alpha)^{24}Mg$ 220 (1989) 27
Bohm, G., see A.A. Bel'kov 220 (1989) 459
Bohn, H., see R. Kulessa 218 (1989) 421
Bohn, H., see C. Albajar 226 (1989) 410; 229 (1989) 439
Bohnet, A., see J. Aichelin 224 (1989) 34
Böhrer, A., see H.-J. Behrend 215 (1988) 186
Böhrer, A., see C. Albajar 226 (1989) 410; 229 (1989) 439
Böhringer, T., see S. Barlag 218 (1989) 374
Boivin, M., see A. Boudard 214 (1988) 6
Boivin, M., see N. Willis 229 (1989) 33
Bollini, D., see A.C. Benvenuti 223 (1989) 485, 490
Bolton, T., see J. Adler 227 (1989) 501
Bombaci, I., see M. Baldo 215 (1988) 19
Bonasera, A., G.F. Burgio and M. Di Toro, Zero-temperature relaxation time. A test for the collision integral 221 (1989) 233
Bonatsos, D., see J. Rikovska 211 (1988) 259
Bonatsos, D., see D. Peres Menezes 221 (1989) 103
Bondarenko, R.A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Bondi, A., G. Curci, G. Paffuti and P. Rossi, Ultraviolet properties of the generalized Thirring model with U(N) symmetry 216 (1989) 345
Bondorf, J.P., see H.-W. Barz 211 (1988) 10; 228 (1989) 453
Bondorf, J.P., R. Donangelo and K. Sneppen, Effect of fluctuations on the dynamics of bubble growth in hot nuclear matter 214 (1988) 321
Bondorf, J.P., see R. Donangelo 219 (1989) 165
Bondorf, J.P., see T. Csörgö 222 (1989) 115
Bonini, M., R. Iengo and C. Núñez, Superconformal ghost correlators and picture changing 219 (1989) 427
Bonino, R., A. Brandt, J.B. Cheze, S. Erhan, G. Ingelman, M. Medinnis, P.E. Schlein, J. Zsembery, J.G. Zweizig, A.G. Clark and J.R. Hansen, Evidence for transverse jets in high-mass diffraction 211 (1988) 239
Bonino, R., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bonner, B.E., see P.D. Barnes 229 (1989) 432
Bonnier, B. and M. Hontebeyrie, Magnetic susceptibility of the O(N) σ-model from high temperature expansions and scaling 226 (1989) 361
Bonometto, S.A., F. Gabbiani and A. Masiero, A monochromatic axino dominated universe 222 (1989) 433
Bonora, L., M. Matone and M. Rinaldi, Relation between representations of KN and Virasoro algebras 216 (1989) 313
Bonora, L., M. Martellini, M. Rinaldi and K. Wu, Conformal invariance on a generic Riemann surface in the presence of a non-flat background metric 218 (1989) 153
Bonora, L., M. Matone, F. Toppan and K. Wu, b–c system approach to minimal models. The genus-zero case 224 (1989) 115
Bonser, D., see D.E. Fields 220 (1989) 356
Bonvicini, G., see A. Snyder 229 (1989) 169
Boosé, D., see E.D. Davis 211 (1988) 379

Booth, C.N., see R. Ansari 215 (1988) 175
Booth, S.P., R.D. Kenway and B.J. Pendleton, The phase diagram of the gauge-invariant Nambu–Jona-Lasinio model 228 (1989) 115
Borchers, W., E. Arnold, W. Neu, R. Neugart, K. Wendt, G. Ulm and ISOLDE Collaboration, Xenon isotopes far from stability studied by collisional ionization laser spectroscopy 216 (1989) 7
Borchi, E., see F. Lemeilleur 222 (1989) 518
Borchi, E., M. Bruzzi, C. Furetta, P. Giubellino, F. Lamarche, F. Lemeilleur, C. Leroy, R. Macii, P. Paludetto, S. Pensotti, A. Penzo, L. Ramello, P.G. Rancoita, I. Riccati, A. Seidman and L. Vismara, Electromagnetic shower energy filtering effect: a way to achieve the compensation condition ($e/\pi = 1$) in hadronic calometry 222 (1989) 525
Bordalo, P., see C. Baglin 220 (1989) 471
Borderie, B., see M.F. Rivet 215 (1988) 55
Bordes, J., see V. Giménez 214 (1988) 247; 223 (1989) 245
Bordes, J., V. Giménez and J.A. Peñarrocha, On the mass and width of the lowest scalar glueball 223 (1989) 251
Borenstein, S., see C. Baglin 220 (1989) 471
Borer, K., see R. Ansari 215 (1988) 175
Borg, A., see Ch. Berger 227 (1989) 489
Borghini, M.K., see R. Ansari 215 (1988) 175
Borghols, W.T.A., see R. De Leo 226 (1989) 202
Borgia, B., see J.V. Allaby 213 (1988) 554
Borisenko, O.A., V.K. Petrov and G.M. Zinovjev, The order parameter problem in lattice QCD thermodynamics 221 (1989) 155
Börner, H.G., J. Jolie, F. Hoyler, S.J. Robinson, M.S. Dewey, G. Greene, E. Kessler and R.D. Deslattes, Determination of short lifetimes with ultra high resolution (n, γ) spectroscopy 215 (1988) 45
Börner, H.G., see K.P. Lieb 215 (1988) 50
Bornyakov, V.G., see J. Ambjørn 225 (1989) 153
Borreani, G., see C. Baglin 225 (1989) 296
Borrelli, A., L. Maiani, G.C. Rossi, R. Sisto and M. Testa, Yukawa lattice theory and non-perturbative upper bounds to the fermion mass 221 (1989) 360
Bortoletto, D., see P. Avery 223 (1989) 470
Bortoletto, D., see R. Fulton 224 (1989) 445
Bortoletto, D., see W.-Y. Chen 226 (1989) 192
Bortoletto, D., see M.S. Alam 226 (1989) 401
Borue, V.Yu., see A.B. Migdal 228 (1989) 167
Bos, K., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Bos, M. and V.P. Nair, U(1) Chern–Simons theory and $c = 1$ conformal blocks 223 (1989) 61
Bosch, F., see W. Koenig 218 (1989) 12
Boschitz, E., see R. Bertini 228 (1989) 531
Bose, S.K. and S.A. Bruce, Classical symmetries of a closed bosonic 3-brane 225 (1989) 331
Bosman, M., see S. Barlag 218 (1989) 374
Bosnar, D., see G. Backenstoss 222 (1989) 7
Bossolasco, S., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Bosted, P., see R.C. Walker 224 (1989) 353

Boštjančič, B., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Botella, F.J., see J. Bernabéu 211 (1988) 226
Botermans, W. and R. Malfliet, A relativistic quantum kinetic equation for nucleus–nucleus collisions 215 (1988) 617
Botlo, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Botlo, M., see G. Reifenröther 214 (1988) 325
Botlo, M., see M. Doser 215 (1988) 792
Botlo, M., see B. May 225 (1989) 450
Böttcher, H., see I.V. Ajinenko 222 (1989) 306
Botterweck, F., see I.V. Ajinenko 222 (1989) 306
Bottino, A., V. de Alfaro and M. Gasperini, Effects of a possible fifth force on the direct neutron–antineutron oscillation experiments 215 (1988) 411
Botts, J. and G. Sterman, Sudakov effects in hadron–hadron elastic scattering 224 (1989) 201
Botts, J. and G. Sterman, Sudakov effects in hadron–hadron elastic scattering, Phys. Lett. B 224 (1989) 201. Erratum 227 (1989) 501
Boucaud, Ph., O. Pène, V.J. Hill, C.T. Sachrajda and G. Martinelli, B-meson mass and decay constant from lattice QCD. A preliminary study 220 (1989) 219
Boucher, P.M., see H. Sagawa 219 (1989) 10
Bouda, A., see J.P. Ader 215 (1988) 111
Boudard, A., C. Kerboul, L. Antonuk, J. Arvieux, J. Berger, R. Bertini, M. Boivin, J.M. Durand, G. Roy, J. Tinsley, J. Yonnet, B. Mayer and Nguyen Van Sen, The T_{20} of the $\vec{d}p \to {}^3He\pi^0$ reaction at threshold and π absorption on a pair of nucleons 214 (1988) 6
Boudjema, F., F.M. Renard and C. Verzegnassi, Hunting new vector bosons in high precision measurements without polarization 214 (1988) 151
Boudjema, F., N. Dombey and M. Krawczyk, Z-pair production at high energies 222 (1989) 507
Boulatov, D.V. and V.A. Kazakov, Summing Feynman graphs by Monte Carlo: planar φ^3-theory and dynamically triangulated random surfaces 214 (1988) 581
Bourdarios, C., see Ch. Berger 227 (1989) 489
Bovet, E., see P. Fisher 218 (1989) 257
Bowcock, T., see P. Avery 223 (1989) 470
Bowcock, T., see R. Fulton 224 (1989) 445
Bowcock, T., see W.-Y. Chen 226 (1989) 192
Bowcock, T., see M.S. Alam 226 (1989) 401
Bowdery, C.K., see S. Bethke 213 (1988) 235
Bowick, M.J. and A. Lahiri, The low energy limit of string theory from the geometry of loop space 217 (1989) 281
Bowler, M.G., see W. Braunschweig 214 (1988) 286
Bowler, M.G., P.N. Burrows and D.H. Saxon, Baryon fragmentation functions and diquark structure 221 (1989) 415
Bowman, D.R., see D.G. Sarantities 218 (1989) 427
Bowman, D.R., see E. Plagnol 221 (1989) 11
Boya, L.J. and J. Casahorrán, The quantum kink mass and Casimir energies 215 (1988) 753
Boyarski, A., see A. Snyder 229 (1989) 169
Boyer, B., see D. Ashery 215 (1988) 41
Boyer, J., see A. Snyder 229 (1989) 169
Bozzolo, G., O. Civitarese and J.P. Vary, On the formation of a nuclear stratosphere at finite temperature 219 (1989) 161

Brabson, B., see S. Abachi 212 (1988) 533; 226 (1989) 405
Brabson, B., see A. Snyder 229 (1989) 169
Bracker, S.B., see J.C. Anjos 223 (1989) 267
Braden, H.W., E. Corrigan, P.E. Dorey and R. Sasaki, Extended Toda field theory and exact *S*-matrices 227 (1989) 411
Branco, G.C., M.N. Rebelo and J.W.F. Valle, Leptonic *CP* violation with massless neutrinos 225 (1989) 385
Brand, M.G.E., K. Allaart and W.H. Dickhoff, Conserving RPA and the response of ^{48}Ca 214 (1988) 483
Brandenberger, R.H., A.-C. Davis and A.M. Matheson, Cosmic strings and baryogenesis 218 (1989) 304
Brandenberger, R.H. and H.A. Feldman, Effects of gravitational perturbations on the evolution of scalar fields in the early universe 220 (1989) 361
Brandenberger, R.H., see H.A. Feldman 227 (1989) 359
Brandt, A., see R. Bonino 211 (1988) 239
Brandt, S., see W. Braunschweig 214 (1988) 286
Branford, D., see G. Koch 218 (1989) 143
Brasse, F.W., see M. Arneodo 211 (1988) 493
Brasse, F.W., see J.J. Aubert 218 (1989) 248
Brau, J.E., see T. Kitagaki 214 (1988) 281
Braun, H., see M. Arneodo 211 (1988) 493
Braun, H., see E. Andersen 220 (1989) 328
Braun, V.M., see I.I. Balitsky 222 (1989) 123
Braun-Munzinger, P., see J. Stachel 216 (1989) 1
Braunschweig, W., R. Gerhards, F.J. Kirschfink, H.-U. Martyn, B. Bock, H.M. Fischer, H. Hartmann, J. Hartmann, E. Hilger, A. Jocksch, R. Wedemeyer, B. Foster, A.J. Martin, A.J. Sephton, E. Bernardi, J. Chwastowski, A. Eskreys, K. Gather, K. Genser, H. Hultschig, P. Joos, H. Kowalski, A. Ladage, B. Löhr, D. Lüke, P. Mättig, D. Notz, J.M. Pawlak, K.-U. Pösnecker, E. Ros, W. Schütte, D. Trines, R. Walczak, G. Wolf, H. Kolanoski, T. Kracht, J. Krüger, E. Lohrmann, G. Poelz, W. Zeuner, J. Hassard, J. Schulman, D. Su, F. Barreiro, A. Leites, J. del Peso, C. Balkwill, M.G. Bowler, P.N. Burrows, R.J. Cashmore, G.P. Heath, P.N. Ratoff, I.M. Silvester, I.R. Tomalin, M.E. Veitch, G.E. Forden, J.C. Hart, D.H. Saxon, S. Brandt, M. Holder, L. Labarga, Y. Eisenberg, U. Karshon, G. Mikenberg, A. Montag, D. Revel, E. Ronat, A. Shapira, N. Wainer, G. Yekutieli, A. Caldwell, D. Muller, S. Ritz, D. Strom, M. Takashima, Sau Lan Wu and G. Zobernig, Analysis of multijet final states in e^+e^- annihilation 214 (1988) 286
Breakstone, A., see A. Snyder 229 (1989) 169
Breedon, R.E., T.J. Chapin, R.L. Cool, P.T. Cox, K. Goulianos, P.C. Petersen, R.W. Rusack, G.R. Snow, A. Vacchi, S.N. White, L. Camilleri, L. Dick, J.B. Jeanneret, W. Kubischta, G. von Dardel, A. Bernasconi, B. Gabioud, F. Gaille, C. Joseph, J.F. Loude, E. Malamud, C. Morel, J.P. Perroud, D. Steiner, G. Sozzi, M.T. Tran, E.C. Dukes, O.E. Overseth and G. Valenti, Precise comparison of antiproton–proton and proton–proton forward elastic scattering at $\sqrt{s}=24.3$ GeV 216 (1989) 459
Breedon, R.E., see E.H. Low 228 (1989) 548
Brehm, W., see H.-J. Behrend 212 (1988) 515; 218 (1989) 493; 222 (1989) 163
Breitbach, G., see G. Koch 218 (1989) 143
Breivik, F.O., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Brekke, L., P.G.O. Freund, E. Melzer and M. Olson, Adelic string *N*-point amplitudes 216 (1989) 53
Brene, N., see H.B. Nielsen 223 (1989) 399
Brenner, D.S., see J.-Y. Zhang 227 (1989) 1; 229 (1989) 439

Breslin, A.C., see S. Aoki 224 (1989) 441
Breunlich, W.H., see P.D. Barnes 229 (1989) 432
Brick, D., see T. Kitagaki 214 (1988) 281
Bricman, C., see D. Alde 216 (1989) 447, 451
Brient, J.C., see C. Baglin 225 (1989) 296
Brient, J.C., see J. Adler 227 (1989) 501
Brière, J.F. and H. Kröger, Scattering of composite particles in a QCD-like model 217 (1989) 215
Brihaye, Y., see J. Kunz 216 (1989) 353
Brill, D. and H. Pfister, States of negative total energy in Kaluza–Klein theory 228 (1989) 359
Briscoe, W.J., see G.J. Kim 219 (1989) 62
Britz, J., see C. Baglin 220 (1989) 471
Brock, I., see H. Janssen 228 (1989) 273
Brock, I.C., see S. Keh 212 (1988) 123
Brock, I.C., see P. Avery 223 (1989) 470
Brock, I.C., see R. Fulton 224 (1989) 445
Brock, I.C., see W.-Y. Chen 226 (1989) 192
Brock, I.C., see M.S. Alam 226 (1989) 401
Brockmüller, K., see S. Keh 212 (1988) 123
Brockmüller, K., see H. Janssen 228 (1989) 273
Brodbeck, T.J., see J.F. Bak 213 (1988) 242
Brodkorb, Th., J.G. Körner and E. Mirkes, A new Dirac matrix identity involving massless particles 216 (1989) 203
Broll, C., see M. Arneodo 211 (1988) 493
Broll, C., see J.J. Aubert 218 (1989) 248
Brom, J.-M., see S. Abachi 212 (1988) 533; 226 (1989) 405
Brom, J.M., see E. Andersen 220 (1989) 328
Brom, J.M., see C. Baglin 225 (1989) 296
Brom, J.M., see A. Snyder 229 (1989) 169
Bromley, D.A., see M. Gai 215 (1988) 242
Brook, V.Yu., M.I. Eides, S.G. Karshenboim and V.A. Shelyuto, Fried–Yennie gauge recalculation of the electron line induced radiative-recoil corrections to muonium hyperfine splitting 216 (1989) 401
Brooks, R., D. Montano and J. Sonnenschein, Gauge fixing and renormalization in topological quantum field theory 214 (1988) 91
Brou, R., see K. Hagel 229 (1989) 20
Broude, C., see A. Alderson 228 (1989) 463
Browder, T.E., see J.C. Anjos 223 (1989) 267
Brown, B.A., see K.-G. Dietrich 220 (1989) 351
Brown, F.R., Absence of Z_3 criticality in a three-dimensional Potts model with extended couplings 224 (1989) 412
Brown, G.E., see G.L. Li 213 (1988) 531
Brown, G.E. and M. Rho, Missing strength in longitudinal electron response and y-scaling 222 (1989) 324
Brown, J.S., see J. Adler 227 (1989) 501
Brown, S., see M. Arneodo 211 (1988) 493
Brown, S.C., see J.J. Aubert 218 (1989) 248
Bruce, A.M., J.J. Gaardhøje, B. Herskind, R. Chapman, J.C. Lisle, F. Khazaie, J.N. Mo and P.J. Twin, Angular momentum dependence of giant dipole vibrations in hot dysprosium nuclei 215 (1988) 237

Bruce, A.M., see P. Fallon 218 (1989) 137
Bruce, A.M., see S.J. Freeman 222 (1989) 347
Bruce, A.M., see A. Alderson 228 (1989) 463
Bruce, S.A., see S.K. Bose 225 (1989) 331
Brück, H., see M. Arneodo 211 (1988) 493
Brüll, A., see M. Arneodo 211 (1988) 493
Bruni, G., see A.C. Benvenuti 223 (1989) 485, 490
Bruss, D. and L.M. Sehgal, Distinguishing a coherent from an incoherent mixture of neutrino flavours 216 (1989) 426
Brussel, M.K., see A. Magnon 222 (1989) 352
Brustein, R. and S.P. de Alwis, The cluster expansion for wormholes 223 (1989) 305
Brustein, R. and S.P. de Alwis, Wormholes in the semi-classical approximation 229 (1989) 205
Bruzzi, M., see E. Borchi 222 (1989) 525
Bubnov, V.I., see M.I. Adamovich 227 (1989) 285
Buchbinder, I.L., O.K. Kalashnikov, I.L. Shapiro, V.B. Vologodsky and Yu.Yu. Wolfengaut, The stability of asymptotic freedom in grand unified models coupled to R^2-gravity 216 (1989) 127
Buchbinder, I.L. and S.D. Odintsov, The parametrization and gauge invariant effective action of composite fields 228 (1989) 104
Buchbinder, I.L., S.M. Kuzenko and O.A. Soloviev, Proper-time technique in (1,0) superspace 228 (1989) 341
Büchle, R., J. Franz, P. Koncz, M. Marx, E. Rössle, C. Sauerwein, H. Schmitt, J. Erő, Z. Fodor, J. Kecskeméti, Zs. Kovács and Z. Seres, Pion production on carbon by medium energy neutrons 213 (1988) 125
Buchmann, A., Y. Yamauchi and A. Faessler, The one-gluon exchange current in the quark cluster model of the deuteron 225 (1989) 301
Buchmüller, W. and B. Lampe, Hierarchical mass scales in supersymmetric σ-models 218 (1989) 59
Buchmüller, W. and M. Gronau, Flavour changing Z^0 decays 220 (1989) 641
Buchmüller, W. and N. Dragon, Gauge fixing and the cosmological constant 223 (1989) 313
Buckley, E., see C. Albajar 213 (1988) 405
Bucurescu, D., G. Căta, D. Cutoiu, E. Drăgulescu, M. Ivaşşcu, N.V. Zamfir, A. Gizon and J. Gizon, Investigation of the particle–core structure of odd-mass nuclei in the N_pN_n scheme 229 (1989) 321
Budd, H., see A. Bacala 218 (1989) 112
Budd, H., see T. Mori 218 (1989) 499
Budd, H., see S.K. Kim 223 (1989) 476
Budd, H., see E.H. Low 228 (1989) 548
Bueche, G., see A. Angelopoulos 212 (1988) 129
Buenerd, M., see C. Bérat 218 (1989) 299
Buenerd, M., see D. Lebrun 223 (1989) 139
Bugg, W.M., see T. Kitagaki 214 (1988) 281
Bugge, L., see C. Baglin 225 (1989) 296
Bulla, W., P. Falkensteiner and H. Grosse, On the calculation of the Berry phase in a solvable model 215 (1988) 359
Bulos, F., see A. Snyder 229 (1989) 169
Bulten, H.J., see G.J. Kramer 227 (1989) 199
Büngener, A., see J.V. Allaby 213 (1988) 554
Bunnell, K.O., see J. Adler 227 (1989) 501

Buran, T., see C. Baglin 225 (1989) 296
Buras, A.J., see W.A. Bardeen 211 (1988) 343
Burchat, P.R., see A. Snyder 229 (1989) 169
Burchell, M., see J. Adler 227 (1989) 501
Burda, Z. and J. Jurkiewicz, Ising model on a random lattice with a topology of a torus 214 (1988) 425
Burden, C.J., The phase diagram of hamiltonian lattice QED with a 4-fermion coupling 229 (1989) 269
Burgio, G.F., see A. Bonasera 221 (1989) 233
Burinskii, A.Ya., The problem of the source of the Kerr–Newman metric: the volume Casimir effect and superdense pseudovacuum state 216 (1989) 123
Burke, D.L., see A. Snyder 229 (1989) 169
Burkhardt, H., see G.D. Barr 214 (1988) 303
Burkova, N.A., Yu.V. Vladimirov, V.B. Ganenko, V.A. Gushchin, I.G. Evseev, Yu.V. Zhebrovskij, M.A. Zhusupov, L.Ya. Kolesnikov, V.P. Likhachev, S.A. Pashchuk, A.L. Rubashkin, G.A. Savitskij, P.V. Sorokin, V.M. Kvastunov and R.A. Ehramzhyan, Photodisintegration of ^{6}Li into ^{3}He and ^{3}H by linearly polarized photons 223 (1989) 136
Burlein, M., see A.L. Williams 216 (1989) 11
Burleson, G.R., see A.L. Williams 216 (1989) 11
Burnel, A., On the number of degrees of freedom in gauges characterized by a space-like vector 227 (1989) 431
Burnett, T.H., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Burnett, T.H., see J. Adler 227 (1989) 501
Burq, J.P., see C. Baglin 225 (1989) 296
Burrows, P.N., see W. Braunschweig 214 (1988) 286
Burrows, P.N., see M.G. Bowler 221 (1989) 415
Buschbeck, B., P. Lipa and R. Peschanski, Signal for intermittency in e^+e^- reactions obtained from negative binomial fits 215 (1988) 788
Buschbeck, B., see P. Lipa 223 (1989) 465
Buschbeck, B., see C. Albajar 226 (1989) 410; 229 (1989) 439
Buschhorn, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Busetto, G., see A. Antonelli 212 (1988) 133
Busetto, G., see M.H. Tixier 212 (1988) 523
Busetto, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Busetto, G., see D. Bisello 220 (1989) 321
Bussa, M.P., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Büsser, F.W., see J.V. Allaby 213 (1988) 554
Bussey, P.J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Bussière, A., see C. Baglin 220 (1989) 471; 225 (1989) 296
Busso, L., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Busson, P., see C. Baglin 220 (1989) 471
Butler, F., see A. Snyder 229 (1989) 169
Butler, J.M., see M. Doser 215 (1988) 792
Butler, J.M., see B. May 225 (1989) 450
Butler, M.N., see P.G. Blunden 219 (1989) 151
Butsch, R., see H. Leucker 223 (1989) 277
Buttar, C., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Button-Shafer, J., see R.C. Walker 224 (1989) 353
Buzzo, A., see C. Baglin 225 (1989) 296

Bylsma, B.G., see S. Abachi 212 (1988) 533; 226 (1989) 405
Byrd, J., see P. Avery 223 (1989) 470
Byrd, J., see R. Fulton 224 (1989) 445
Byrd, J., see W.-Y. Chen 226 (1989) 192
Byrne, A.P., R. Müsseler, H. Hübel, M. Murzel, K. Theine, W. Schmitz, K.H. Maier, H. Kluge, H. Grawe and H. Haas, Extremely long lived $\frac{65}{2}^-$ isomer in ^{213}Fr 217 (1989) 38
Byrski, T., see P. Fallon 218 (1989) 137
Bystricky, J., see G. Roche 226 (1989) 228
Bytsenko, A.A. and S.A. Ktitorov, Narrow supermembranes at finite temperatures 225 (1989) 325

Cabasino, S., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Cabasino, S., see M. Bernaschi 228 (1989) 383
Cabenda, R., see S. Keh 212 (1988) 123
Cabenda, R., see H. Janssen 228 (1989) 273
Cabibbo, N., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Cahill, M.D., Model-independent relations for the magnetic properties of the skyrmion 221 (1989) 349
Cai, X., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Calafiura, P., see G.D. Barr 214 (1988) 303
Calcaterra, A., see D. Bisello 220 (1989) 321
Calcaterra, S., see A. Antonelli 212 (1988) 133
Caldi, D.G., Two-coupling phase diagram for hamiltonian lattice QED 215 (1988) 739
Caldi, D.G., see F.S. Accetta 226 (1989) 175
Caldwell, A., see W. Braunschweig 214 (1988) 286
Calen, H., see M. Arneodo 211 (1988) 493
Callen, B. and S. Frankel, Associated multiplicity dependence of prompt positron production 214 (1988) 127
Calvetti, M., see G.D. Barr 214 (1988) 303
Calvino, F., see A. Snyder 229 (1989) 169
Cameron, J.M., see R. Abegg 218 (1989) 436
Camilleri, L., see R.E. Breedon 216 (1989) 459
Campagne, J.E. and R. Zitoun, QED corrections to the forward–backward asymmetry at LEP energies 222 (1989) 497
Campbell, A.J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Campbell, B.A., J. Ellis and R.A. Flores, Parity violation in light atoms and the strange spin content of the proton 225 (1989) 419
Camporesi, T., see H.R. Band 218 (1989) 369
Camporesi, T., see A.C. Benvenuti 223 (1989) 485
Campostrini, M., A. Di Giacomo and H. Panagopoulos, The topological susceptibility on the lattice 212 (1988) 206
Campostrini, M., A. di Giacomo and Y. Gündüc, Gluon condensation in SU(3) lattice gauge theory 225 (1989) 393
Campostrini, M., A. di Giacomo, M. Maggiore, H. Panagopoulos and E. Vicari, Cooling and the string tension in lattice gauge theories 225 (1989) 403
Candlin, D.J., see G.D. Barr 214 (1988) 303
Caner, A., see C. Albajar 226 (1989) 410; 229 (1989) 439
Caneschi, L., Duality and the Weyl group 228 (1989) 332
Cangemi, D., M. Makowka and G. Wanders, The two-dimensional Minkowski space fermion determinant by example 211 (1988) 107
Capella, A., see V. Innocente 213 (1988) 81
Capella, A., K. Fiałkowski and A. Krzywicki, Has intermittency been observed in multiparticle production? 230 (1989) 149
Capitani, G.P., see A. Magnon 222 (1989) 352
Capon, G., see A. Antonelli 212 (1988) 133
Capone, A., see J.V. Allaby 213 (1988) 554
Caponero, M., see T.A. Armstrong 221 (1989) 216, 221
Caracciolo, S., G. Curci, P. Menotti and A. Pelissetto, Renormalization of the energy–momentum tensor and the trace anomaly in lattice QED 228 (1989) 375
Carboni, G., see H. Cobbaert 213 (1988) 395

Carboni, G., see R. Ansari 215 (1988) 175
Cardy, J.L., Is there a c-theorem in four dimensions? 215 (1988) 749
Cardy, J.L. and G. Mussardo, S-matrix of the Yang–Lee edge singularity in two dimensions 225 (1989) 275
Carena, M., The adiabatic method and the sphaleron charge 211 (1988) 117
Carena, M., Fermion zero energy modes in the background of adiabatically evolving scalar fields 217 (1989) 135
Carey, D., see N. Akchurin 229 (1989) 299
Carlin, N., see M.B. Tsang 220 (1989) 492
Carlip, S., Quadratic differentials and closed string vertices 214 (1988) 187
Carlitz, R.D., J.C. Collins and A.H. Mueller, The role of the axial anomaly in measuring spin-dependent parton distributions 214 (1988) 229
Carlson, E.D. and P. Salati, Stellar limits on keV pseudoscalars 218 (1989) 79
Carney, J.N., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Carosi, R., see G.D. Barr 214 (1988) 303
Carow-Watamura, U., Z.F. Ezawa, A. Tezuka and S. Watamura, Operator construction of ghost g-vacuum, handle operator and BRST-invariant multiloop amplitude of the bosonic string 221 (1989) 299
Carow-Watamura, U., Z.F. Ezawa, K. Harada, A. Tezuka and S. Watamura, Chiral bosonization of superconformal ghosts on the Riemann surface and path-integral measure 227 (1989) 73
Carpenter, J.D., R.E. Norton and A. Soni, Ultraviolet dynamical symmetry breaking and a model of grand unification 212 (1988) 63
Carr, J., see J.J. Aubert 218 (1989) 248
Carroll, J., see G. Roche 226 (1989) 228
Carruthers, P.A., M. Plümer, S. Raha and R.M. Weiner, Entropy scaling in high energy collisions. Chaos and coherence 212 (1988) 369
Carruthers, P.A., M. Plümer, S. Raha and R.M. Weiner, Entropy scaling in high energy collisions. Chaos and coherence, Phys. Lett. B 212 (1988) 369. Erratum 214 (1988) 661
Carruthers, P.A., E.M. Friedlander, C.C. Shih and R.M. Weiner, Multiplicity fluctuations in finite rapidity windows. Intermittency or quantum statistical correlation? 222 (1989) 487
Cartacci, A., see S. Keh 212 (1988) 123
Cartacci, A., see H. Janssen 228 (1989) 273
Carter, B., Duality relation between charged elastic strings and superconducting cosmic strings 224 (1989) 61
Carter, B., Stability and characteristic propagation speeds in superconducting cosmic and other string models 228 (1989) 466
Cartwright, S.L., see S. Bethke 213 (1988) 235
Carugno, G., see P. Astier 220 (1989) 646
Carvalho, J., see D.J. Rowe 218 (1989) 386
Casaca, A., see C. Baglin 220 (1989) 471
Casahorrán, J., J.G. Esteve and A. Tarancón, Fermion number fractionalisation and phase transition: a lattice study 215 (1988) 730
Casahorrán, J., see L.J. Boya 215 (1988) 753
Casalbuoni, R., S. De Curtis, D. Dominici, F. Feruglio and R. Gatto, A gravitino–goldstino high-energy equivalence theorem 215 (1988) 313
Casalbuoni, R., S. de Curtis, D. Dominici, F. Feruglio and R. Gatto, When does supergravity become strong 216 (1989) 325
Casalbuoni, R., S. De Curtis, D. Dominici, F. Feruglio and R. Gatto, Non-linear realiza-

tion of supersymmetry algebra from supersymmetric constraint 220 (1989) 569
Casalbuoni, R., P. Chiappetta, D. Dominici, F. Feruglio and R. Gatto, Expectations from strong electroweak sector at Tevatron and SppS 224 (1989) 233
Casalbuoni, R., S. de Curtis, D. Dominici, F. Feruglio and R. Gatto, When does supergravity become strong, Phys. Lett. B 216 (1989) 325. Erratum 229 (1989) 439
Casali, R., see G.D. Barr 214 (1988) 303
Casas, J.A. and C. Muñoz, Yukawa couplings in $SU(3)\times SU(2)\times U(1)_Y$ orbifold models 212 (1988) 343
Casas, J.A. and C. Muñoz, Three generation $SU(3)\times SU(2)\times U(1)_Y$ models from orbifolds 214 (1988) 63
Casas, J.A. and C. Muñoz, Restrictions on realistic superstring models from renormalization group equations 214 (1988) 543
Casas, J.A. and C. Muñoz, Inflation from superstrings 216 (1989) 37
Casas, J.A., M. Mondragon and C. Muñoz, Reducing the number of candidates to standard model in the Z_3 orbifold 230 (1989) 63
Caselle, M., R. Fiore and F. Gliozzi, Asymptotic scaling and the underlying string of lattice gauge theories 224 (1989) 153
Caselle, M. and G. Ponzano, Fusion rule algebras from graph theory 224 (1989) 303
Cases, R., see C. Baglin 220 (1989) 471
Cashmore, R.J., see W. Braunschweig 214 (1988) 286
Casoli, P., see C. Albajar 226 (1989) 410; 229 (1989) 439
Cason, N.M., see J.R. Bensinger 215 (1988) 195
Cassagnou, Y., see D. Lebrun 223 (1989) 139
Cassagnou, Y., see K. Hagel 229 (1989) 20
Cassel, D.G., see P. Avery 223 (1989) 470
Cassel, D.G., see R. Fulton 224 (1989) 445
Cassel, D.G., see W.-Y. Chen 226 (1989) 192
Cassel, D.G., see M.S. Alam 226 (1989) 401
Cassell, R.E., see J. Adler 227 (1989) 501
Cassing, W., see A. De Paoli 219 (1989) 194
Cassing, W., see M. Schäfer 221 (1989) 1
Castano, B., see E. Andersen 220 (1989) 328
Castel, B., see H. Sagawa 219 (1989) 10
Castel, B., see H. Toki 219 (1989) 181
Castellani, L., R. D'Auria and A.R. Levi, The Kač–Moody anomaly. An obstruction to a gauged Wess–Zumino–Witten model 220 (1989) 539
Casten, R.F., see N.V. Zamfir 226 (1989) 11
Casten, R.F., see J.-Y. Zhang 227 (1989) 1; 229 (1989) 439
Castillo, V., see S. Barlag 218 (1989) 374
Castor, J., see C. Baglin 220 (1989) 471
Castorina, P. and M. Consoli, The strong coupling β-function of Yang–Mills theories and the Nielsen–Olesen unstable modes 213 (1988) 493
Castorina, P. and A. Donnachie, Shadowing in deep inelastic scattering from a parton viewpoint 215 (1988) 589
Castro, A., see D. Bisello 220 (1989) 321
Căta, G., see D. Bucurescu 229 (1989) 321
Catanesi, M.G., see H. Cobbaert 213 (1988) 395
Catani, S., E. d'Emilio and L. Trentadue, The gluon form factor to higher orders: gluon–gluon annihilation at small Q_t 211 (1988) 335

Catani, S. and L. Trentadue, Inhibited radiation dynamics in QCD 217 (1989) 539
Catterall, S.M. and J.F. Wheater, Parity violating vacuum currents on the random lattice 213 (1988) 186
Catterall, S.M., Extrinsic curvature in dynamically triangulated random surface models 220 (1989) 207
Catz, H., see R. Bertini 228 (1989) 531
Cauvin, M., V. Gillet and T. Kohmura, Quantized meson-exchange picture of the nuclear interactions 219 (1989) 35
Cavalli-Sforza, M., see S. Keh 212 (1988) 123
Cavalli-Sforza, M., see H. Janssen 228 (1989) 273
Cavanna, F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Cavasinni, V., see R. Ansari 215 (1988) 175
Cavinato, M., M. Marangoni and A.M. Saruis, Momentum and density dependence of the ph interaction in continuum RPA calculations with Skyrme forces 213 (1988) 111
Cebra, D.A., W. Benenson, Y. Chen, E. Kashy, A. Pradhan, A. Vander Molen, G.D. Westfall, W.K. Wilson, D.J. Morrissey, R.S. Tickle, R. Korteling and R.L. Helmer, Two-particle correlations from 500 MeV p+Ag and Be 227 (1989) 336
Cecotti, S., S. Ferrara and L. Girardello, A topological formula for the Kähler potential of 4D $N=1$, 2 strings, and its implications for the moduli problem 213 (1988) 443
Cecotti, S., Homogeneous Kähler manifolds and flat-potential $N=1$ supergravities 215 (1988) 489
Cederwall, M., An extension of the twistor concept to string theory 226 (1989) 45
Celler, A., see D. Frekers 218 (1989) 439
Celler, A., see M.A. Moinester 230 (1989) 41
CELLO Collaboration, see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Cence, R.J., see A. Snyder 229 (1989) 169
Cenci, P., see R. Ansari 215 (1988) 175
Cennini, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Centro, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ceradini, F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Cerdonio, M., see R. Barbieri 226 (1989) 357
Cerri, C., see G.D. Barr 214 (1988) 303
Cester, R., see C. Baglin 225 (1989) 296
Chabaud, V., see S. Barlag 218 (1989) 374
Chadwick, G.B., see H.R. Band 218 (1989) 369
Chaichian, M. and J. Lukierski, $N=1$ super-WZW and $N=1,2,3,4$ super-KdV models as $D=2$ current superfield theories 212 (1988) 461
Chaichian, M., J.A. de Azcárraga and J. Lukierski, Euclidean supersymmetry with different self-dual and anti-dual sectors 222 (1989) 72
Chaichian, M., D. Leites and J. Lukierski, New $N=6$ infinite-dimensional superalgebra with central extension 225 (1989) 347
Chakrabarti, A., Fermions and gauge fields in the Einstein static universe 212 (1988) 145
Chakrabarti, A., Antiperiodic spinor zero-modes for periodic SU(2) instanton backgrounds 227 (1989) 137
Chakrabarti, S., see A. Bacala 218 (1989) 112
Chakrabarty, S., S. Raha and B. Sinha, Strange quark matter and the mechanism of confinement 229 (1989) 112
Chamon, L.C., see D. Pereira 220 (1989) 347
Chamseddine, A.H., J.-P. Derendinger and M. Quirós, Modular invariant twisted strings 227 (1989) 41
Chamseddine, A.H. and D. Wyler, Gauge theory of topological gravity in 1+1 dimensions 228 (1989) 75

Chan, C., see D. Frekers 218 (1989) 439
Chan, Y.D., see E. Plagnol 221 (1989) 11
Chan, Y.D., see J. Pouliot 223 (1989) 16
Chang, C.-H., X.-Q. Li and J.-X. Wang, A calculation on $D_s^+ \to f_0\pi^+$ decay and the $(s\bar{s})$ component of $f_0(975)$ 227 (1989) 479
Chang, D. and A. Kumar, Gauge symmetry breaking by Thirring interaction in fermionic construction of superstring models 211 (1988) 76
Chang, D. and W.-Y. Keung, Hidden Higgs boson models and stellar energy loss 217 (1989) 238
Chapin, T.J., see R.E. Breedon 216 (1989) 459
Chapline, G. and B. Grossman, Conformal field theory and a topological quantum theory of vortices and knots 223 (1989) 336
Chapman, J., see S. Abachi 212 (1988) 533; 226 (1989) 405
Chapman, J., see A. Snyder 229 (1989) 169
Chapman, R., see A.M. Bruce 215 (1988) 237
Chapman, R., see K. Schiffer 219 (1989) 52
Chapman, R., see S.J. Freeman 222 (1989) 347
Chardin, G., see Ch. Berger 227 (1989) 489
Charity, R.J., see D.G. Sarantities 218 (1989) 427
Charity, R.J., see E. Plagnol 221 (1989) 11
Charlesworth, C.E.K., see H. Albrecht 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Charlot, C., see C. Baglin 220 (1989) 471
Charlton, D.G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
CHARM Collaboration, see J.V. Allaby 213 (1988) 554
Chase, R.L., see G.D. Barr 214 (1988) 303
Chasman, R.R., Superdeformation near $A=190$ 219 (1989) 227
Chasman, R.R., Odd-multipole correlations in the light actinides 219 (1989) 232
Chasnicov, I.Y., see M.I. Adamovich 227 (1989) 285
Chau, L.-L. and B. Milewski, Linear systems and conservation laws in $d=10$, $N=1$ supergravity 216 (1989) 330
Chau, L.-L. and H.-Y. Cheng, Analysis of the recent data of exclusive two-body charm decays 222 (1989) 285
Chaudhuri, S. and J.A. Schwartz, A criterion for integrably marginal operators 219 (1989) 291
Chaumeaux, A., see R. Bertini 228 (1989) 531
Chaurand, B., see C. Baglin 220 (1989) 471
Chauveau, J., see P. Astier 220 (1989) 646
Chauvin, J., see C. Bérat 218 (1989) 299
Chauvin, J., see D. Lebrun 223 (1989) 139
Chavez, E., see E. Plagnol 221 (1989) 11
Chemarin, M., see C. Baglin 225 (1989) 296
Chen, A., see T. Kitagaki 214 (1988) 281
Chen, D., see R. Fulton 224 (1989) 445
Chen, W.-Y., see P. Avery 223 (1989) 470
Chen, W.-Y., see R. Fulton 224 (1989) 445
Chen, W.-Y., R.L. McIlwain, D.H. Miller, C.R. Ng, E.I. Shibata, W.-M. Yao, K. Sparks, E.H. Thorndike, M.S. Alam, N. Katayama, I.J. Kim, W.C. Li, X.C. Lou, C.R. Sun, D. Bortoletto, M. Goldberg, N. Horwitz, P. Lubrano, M.D. Mestayer, G.C. Moneti, V. Sharma, I.P.J. Shipsey, T. Skwarnicki, S.E. Csorna, T. Letson, I.C. Brock, T. Ferguson, J. Alexander, M. Artuso, C. Bebek, K. Berkelman, E. Blucher, J. Byrd, D.G. Cassel,

E. Cheu, D.M. Coffman, T. Copie, G. Crawford, R. DeSalvo, J.W. DeWire, P.S. Drell, R. Ehrlich, R.S. Galik, B. Gittelman, S.W. Gray, A.M. Halling, D.L. Hartill, B.K. Heltsley, J. Kandaswamy, R. Kowalewski, D.L. Kreinick, Y. Kubota, J.D. Lewis, N.B. Mistry, J. Mueller, R. Namjoshi, S. Nandi, E. Nordberg, C. O'Grady, D. Peterson, M. Pisharody, D. Riley, M. Sapper, A. Silverman, S. Stone, H. Worden, M. Worris, A.J. Sadoff, P. Avery, D. Besson, L. Garren, J. Yelton, T. Bowcock, K. Kinoshita, F.M. Pipkin, M. Procario, R. Wilson, J. Wolinski, D. Xiao, P. Baringer, P. Haas, H. Lam, A. Jawahery, C.H. Park, D. Perticone, R. Poling, R. Fulton, M. Hempstead, T. Jensen, D.R. Johnson, H. Kagan, R. Kass, F. Morrow and J. Whitmore, Measurement of D_s decay modes 226 (1989) 192

Chen, W.-Y., see M.S. Alam 226 (1989) 401

Chen, Y., see D.A. Cebra 227 (1989) 336

Chen, Z., see M.B. Tsang 220 (1989) 492

Cheng, C.P., see A. Bacala 218 (1989) 112

Cheng, C.P., see T. Mori 218 (1989) 499

Cheng, C.P., see S.K. Kim 223 (1989) 476

Cheng, C.P., see E.H. Low 228 (1989) 548

Cheng, H.-Y., Low-energy interactions of scalar and pseudoscalar Higgs bosons with baryons 219 (1989) 347

Cheng, H.-Y., see L.-L. Chau 222 (1989) 285

Cheng, Y.-X., Nilpotency of BRST charge in weakly background fields 218 (1989) 39

Cherian, P.J., see D.K. Bhattacharjee 225 (1989) 459

Cherney, M., see E. Andersen 220 (1989) 328

Chernova, L.P., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175

Chernyavsky, M.M., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175

Chetyrkin, K.G., V.A. Ilyin, V.A. Smirnov and A.Yu. Taranov, Two-loop calculations in the large quark mass expansion in the framework of the QCD sum rules method 225 (1989) 411

Cheu, E., see P. Avery 223 (1989) 470

Cheu, E., see R. Fulton 224 (1989) 445

Cheu, E., see W.-Y. Chen 226 (1989) 192

Cheu, E., see M.S. Alam 226 (1989) 401

Cheung, H.Y. and F. Gürsey, Hadronic superalgebra from skyrmion operators 219 (1989) 127

Chevallier, M., see C. Baglin 225 (1989) 296

Cheze, J.B., see R. Bonino 211 (1988) 239

Chiapparini, M. and A.O. Gattone, Medium induced magnetization current and nuclear magnetic moments 224 (1989) 243

Chiappetta, P., see F. Aversa 211 (1988) 465

Chiappetta, P. and F. Feruglio, Possible deviations in W pair production at e^+e^- colliders due to a strong electroweak sector 213 (1988) 95

Chiappetta, P., see R. Casalbuoni 224 (1989) 233

Chiappetta, P. and G. Girardi, Phenomenological study of polarized leptoproduction 225 (1989) 437

Chiba, M., see K. Abe 213 (1988) 400

Chiba, R., see A. Bacala 218 (1989) 112

Chiba, R., see T. Mori 218 (1989) 499

Chiba, R., see S.K. Kim 223 (1989) 476

Chiba, Y., see K. Abe 213 (1988) 400

Chiba, Y., see T. Kitagaki 214 (1988) 281

Childers, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169

Childers, R., see A. Bacala 218 (1989) 112
Childs, R., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Chima, J.S., see M. Arneodo 211 (1988) 493
Chisholm, A., see N. Willis 229 (1989) 33
Chiu, T.-W., Schwinger model on the random block lattice 217 (1989) 151
Chivukula, R.S. and A.V. Manohar, Limits on a light Higgs boson, Phys. Lett. B 207 (1988) 86. Erratum 217 (1989) 568
Chivukula, R.S., A.G. Cohen, H. Georgi and A.V. Manohar, Couplings of a light Higgs boson 222 (1989) 258
Chizhov, A., see D. Bardin 229 (1989) 405
Chliapnikov, P.V., A.K. Likhoded and V.A. Uvarov, Inclusive cross sections in the central region and the supercritical Pomeron 215 (1988) 417
Chliapnikov, P.V. and O.G. Tchikilev, Negative binomial distribution and stationary branching processes 222 (1989) 152
Chliapnikov, P.V., see I.V. Ajinenko 222 (1989) 306
Chliapnikov, P.V. and O.G. Tchikilev, Some regularities of charged-particle multiplicity distributions and branching processes 223 (1989) 119
Cho, B.H., see S.U. Park 212 (1988) 41; 218 (1989) 200
Chodos, A., D.A. Owen and C.M. Sommerfield, Strong field dependence of the fine structure constant 212 (1988) 491
Chodos, A., see F.S. Accetta 226 (1989) 175
Chollet, J.-C., see R. Ansari 215 (1988) 175
Chomaz, Ph., see D. Lagarde 229 (1989) 193
Chopovsky, L.L., On the astrophysical S-factor of $^3He(\alpha, \gamma)^7Be$ and $^3H(\alpha, \gamma)^7Li$ reactions at zero energy 229 (1989) 316
Choroku, K., see H. Fukutaka 222 (1989) 191
Chou, T.T. and C.N. Yang, Remarks on multiplicity and momentum distributions in e^+e^- collisions at $W = 14$, 34, 55, 100 and 120 GeV 212 (1988) 105
Choudhury, D. and U. Sarkar, B–$\bar{B}$ mixing, ϵ'/ϵ and quark mass matrices 217 (1989) 341
Chrin, J., see S. Bethke 213 (1988) 235
Christe, P. and F. Ravanini, A new tool in the classification of rational conformal field theories 217 (1989) 252
Christillin, P. and G. Do Dang, Relativistic effects for the spin–orbit magnetic moment and in the dipole sum rule 226 (1989) 22
Christov, Chr.V., see E. Ruiz Arriola 225 (1989) 22
Christova, E.C. and M.E. Fabbrichesi, CP non-conservation in supersymmetrical models with extra neutral currents. The $W^{\pm} \to \ell^{\pm} \nu_{\ell}$ decay 218 (1989) 470
Chrysicopoulou, P., see P. Astier 220 (1989) 646
Chumbalov, A.A., S.S. Kamalov and T.V. Tetereva, About ω^0 exchange in the (γ, π^0) reaction on the proton near threshold 213 (1988) 255
Chumbalov, A.A., S.S. Kamalov and T.V. Tetereva, About ω^0 exchange in the (γ, π^0) reaction on the proton near threshold, Phys. Lett. B 213 (1988) 255. Erratum 217 (1989) 568
Chung, W.-S. and J.-K. Kim, BRST invariant interaction vertex at $D < 26$ 225 (1989) 79
Chung, W.M., see J.K. Hwang 218 (1989) 395
Chwastowski, J., see W. Braunschweig 214 (1988) 286
Ciafaloni, M., see D. Amati 216 (1989) 41
Ciafaloni, M., see M. Ademollo 223 (1989) 318

Ciapetti, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ciborowski, J., see M. Arneodo 211 (1988) 493
Ciofi degli Atti, C. and S. Liuti, On the effects of nucleon binding and correlations in deep inelastic electron scattering by nuclei 225 (1989) 215
Cittolin, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Civitarese, O., see G. Bozzolo 219 (1989) 161
Cizewski, J.A., Energy ratios in medium and heavy mass nuclei. Signatures of coexisting configurations 219 (1989) 189
Claesson, G., see R. Albrecht 221 (1989) 427
Clare, R., see S. Keh 212 (1988) 123
Clare, R., see H. Janssen 228 (1989) 273
Clark, A.G., see R. Bonino 211 (1988) 239
Clark, A.G., see R. Ansari 215 (1988) 175
Clark, B.C., see E.D. Cooper 220 (1989) 658
Clark, S.A., see G. Kernel 216 (1989) 244; 225 (1989) 198
Clarke, D., see S. Bethke 213 (1988) 235
Clarke, D., see C. Albajar 213 (1988) 405
Clarke, D., see K. Schiffer 219 (1989) 52
Clarke, P., see G.D. Barr 214 (1988) 303
Clayton, E., see C. Albajar 226 (1989) 410; 229 (1989) 439
Clayton, E.F., see J. Guy 229 (1989) 421
Cleland, W., see T. Åkesson 214 (1988) 295
Clemen, M., see T. Åkesson 214 (1988) 295
Clément, G. and J. Stern, Gluons and the spin of the proton 220 (1989) 238
Clement, H., see M. Ermer 224 (1989) 40
CLEO Collaboration, see R. Fulton 224 (1989) 445
Clifft, R., see M. Arneodo 211 (1988) 493
Clifft, R., see J.J. Aubert 218 (1989) 248
Cline, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Cline, D., see T.J. Phillips 224 (1989) 348
Cline, J.M., Superspace geometry of the $F_{1,2}$ pictures 213 (1988) 269
Cline, J.M., Does the wormhole mechanism for vanishing cosmological constant work in lorentzian gravity? 224 (1989) 53
Clogher, L., see R.C. Walker 224 (1989) 353
Close, F.E. and A.W. Thomas, The spin and flavor dependence of parton distribution functions 212 (1988) 227
Close, F.E. and R.G. Roberts, *A*-dependence of shadowing and the small-x EMC data 213 (1988) 91
Cobb, J.H., see J.J. Aubert 218 (1989) 248
Cobbaert, H., R. Roosen, M.G. Catanesi, M.T. Muciaccia, S. Natali, S. Nuzzo, F. Ruggieri, G. Carboni, G. Crosetti, M. Fidecaro, C. Gerke, G. Poulard, H. Sletten, M. Coupland, I.G. Roberts, P.T. Trent, J.H. Bartley, J.E. Conboy, M.J. Esten, P. Fennel, P.F. Harrison, M. De Vincenzi, S. Di Liberto, A. Frenkel, M. Iori, E. Lamanna, G. Marini, G. Martellotti, F. Meddi, A. Nigro, G. Penso, S. Petrera, P. Pistilli, G. Romano, G. Rosa, A. Sciubba, B. Alessandro, V. Bisi, D. Gamba, L. Ramello and L. Riccati, *A*-dependence of low-mass muon pair production in 300 GeV/c p and 320 GeV/c π^- interactions 213 (1988) 395
Cochet, C., see C. Albajar 213 (1988) 405
Coffman, D., see J. Adler 227 (1989) 501

Coffman, D.M., see P. Avery 223 (1989) 470
Coffman, D.M., see R. Fulton 224 (1989) 445
Coffman, D.M., see W.-Y. Chen 226 (1989) 192
Coffman, D.M., see M.S. Alam 226 (1989) 401
Cognola, G. and S. Zerbini, Seeley–DeWitt coefficients in a Riemann–Cartan manifold 214 (1988) 70
Cognola, G., L. Vanzo and S. Zerbini, Sum rules for spectral densities of differential operators and generalized heat kernel expansion 223 (1989) 416
Cohen, A.G. and D.B. Kaplan, The exact metric about global cosmic strings 215 (1988) 67
Cohen, A.G., see M.S. Turner 216 (1989) 20
Cohen, A.G., M.J. Dugan and A.V. Manohar, Baryon number violation at finite temperature in the standard model 222 (1989) 91
Cohen, A.G., see R.S. Chivukula 222 (1989) 258
Cohen, I., Casimir energies and special dimensions in a toy model for branes 215 (1988) 649
Cohen, T.D., Cutoff dependence of vacuum properties for nucleon–meson quantum field theories 211 (1988) 384
Cohen, T.D. and M.K. Banerjee, The spin content of the proton. The large N and chiral limits revisited 230 (1989) 129
Cohler, M., see E. Andersen 220 (1989) 328
Cohn, H.O., see T. Kitagaki 214 (1988) 281
Cohn, J.D., Nonunitarity in rational conformal field theory 226 (1989) 267
Coignet, G., see M. Arneodo 211 (1988) 493
Coignet, G., see J.J. Aubert 218 (1989) 248
Colangelo, P., L. Cosmai and E. Scrimieri, Finite-temperature SU(2) gauge theory on a pseudorandom lattice 211 (1988) 453
Colangelo, P. and G. Nardulli, B meson decays and Kobayashi–Maskawa matrix 220 (1989) 265
Colangelo, P., G. Nardulli and N. Paver, Role of single particle contributions to the B^0–$\overline{B^0}$ mixing matrix element 222 (1989) 293
Colas, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Colas, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Coleman, R., see N. Akchurin 229 (1989) 299
Coleman, S. and K. Lee, Escape from the menace of the giant wormholes 221 (1989) 242
Collick, B., see T. Åkesson 214 (1988) 295
Collina, R., see A. Blasi 222 (1989) 419
Collins, J.C., see R.D. Carlitz 214 (1988) 229
Colvin, G., see A.A. Hahn 218 (1989) 365
Combley, F., see M. Arneodo 211 (1988) 493
Combley, F., see J.J. Aubert 218 (1989) 248
Comets, M.P., see N. Willis 229 (1989) 33
Compagnucci, A., see S. Keh 212 (1988) 123
Compagnucci, A., see H. Janssen 228 (1989) 273
Comtet, A. and S. Ouvry, The virial expansion and the 2-dimensional axial anomaly 225 (1989) 272
Comyn, M., see G. Reifenröther 214 (1988) 325
Comyn, M., see M. Doser 215 (1988) 792
Comyn, M., see B. May 225 (1989) 450
Conboy, J.E., see H. Cobbaert 213 (1988) 395
Condo, G.T., see T. Kitagaki 214 (1988) 281
Conforto, G., see S. Keh 212 (1988) 123

Conforto, G., see H. Janssen 228 (1989) 273
Connors, L., A.J. Deans and J.S. Hagelin, Chaotic inflation and cold baryosynthesis in a supersymmetric GUT 220 (1989) 368
Consoli, M., see P. Castorina 213 (1988) 493
Consoli, M., W. Hollik and F. Jegerlehner, The effect of the top quark on the M_W–M_Z interdependence and possible decoupling of heavy fermions from low energy physics 227 (1989) 167
Conta, C., see R. Ansari 215 (1988) 175
Contardo, D., see C. Baglin 220 (1989) 471
Conte, R., see C. Albajar 226 (1989) 410; 229 (1989) 439
Cook, V., see J. Adler 227 (1989) 501
Cooke, I., see H. Utsunomiya 211 (1988) 24
Cooke, L., see M. Gonin 217 (1989) 406
Cool, R.L., see R.E. Breedon 216 (1989) 459
Coombes, R., see A. Bacala 218 (1989) 112
Coombes, R., see T. Mori 218 (1989) 499
Coombes, R., see S.K. Kim 223 (1989) 476
Cooper, E.D., see J. Raynal 218 (1989) 403
Cooper, E.D. and N.B. de Takacsy, Suppression of high intermediate momenta in the π–nucleus interaction 220 (1989) 17
Cooper, E.D., B.C. Clark, S. Hama and R.L. Mercer, Dirac-global fits to calcium elastic scattering data in the range 21–200 MeV, Phys. Lett. B 206 (1988) 588. Erratum 220 (1989) 658
Cooper, S., see S. Keh 212 (1988) 123
Cooper, S., see H. Janssen 228 (1989) 273
Cooper-Sarkar, A., see J. Guy 229 (1989) 421
Copie, T., see W.-Y. Chen 226 (1989) 192
Copnel, J., S. Robinson, J. Jolie and K. Heyde, Test of the interacting boson approximation in the $N=84$ isotones using particle–core coupling 222 (1989) 1
Coppage, D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422
Coppola, F., see P. Bacilieri 214 (1988) 115
Corbò, G., E. Franco and G.C. Rossi, Perturbative renormalization of the lowest moment operators of DIS in lattice QCD 221 (1989) 367
Corbò, G., E. Franco and G.C. Rossi, Perturbative renormalization of the lowest moment operators of DIS in lattice QCD, Phys. Lett. B 221 (1989) 367. Erratum 225 (1989) 463
Corcoran, M.D., see N. Akchurin 229 (1989) 299
Corden, M., see C. Albajar 213 (1988) 405
Cords, D., see A. Snyder 229 (1989) 169
Cork, B., see S. Abachi 212 (1988) 533; 226 (1989) 405
Cormier, J.C., see Z. Papandreou 227 (1989) 25
Corona, C., see R. Ansari 215 (1988) 175
Correa, A., see I. Bediaga 215 (1988) 166
Corrigan, E., see H.W. Braden 227 (1989) 411
Corriveau, F., see T. Åkesson 214 (1988) 295
Cortés, J.L., see J.L. Alonso 228 (1989) 425
Corti, M., see G.D. Barr 214 (1988) 303
Cosmai, L., see P. Colangelo 211 (1988) 453
Cosme, G., see A. Antonelli 212 (1988) 133

Cosme, G., see M.H. Tixier 212 (1988) 523
Cosme, G., see D. Bisello 220 (1989) 321
Cossairt, J.D., see N. Akchurin 229 (1989) 299
Costa, M., see R. Bertini 228 (1989) 531
Costantini, F., see R. Ansari 215 (1988) 175
Cotsakis, S., see J.D. Barrow 214 (1988) 515
Cotta-Ramusino, P., M. Martellini and M. Mintchev, Deformations of complex structures and representations of Krichever–Novikov algebras 215 (1988) 331
Cottle, P.D., see E.F. Moore 211 (1988) 14
Cottle, P.D., K.A. Stuckey and K.W. Kemper, Possible octupole bands in the $N=66$ region 219 (1989) 27
Couchot, F., see A. Antonelli 212 (1988) 133
Couchot, F., see M.H. Tixier 212 (1988) 523
Couchot, F., see D. Bisello 220 (1989) 321
Coughlan, G.D., see F. del Aguila 215 (1988) 93; 227 (1989) 55
Coughlan, J.A., see M. Arneodo 211 (1988) 493
Coughlan, J.A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Coule, D.H. and M.S. Madsen, The success of inflation with quadratic gravity 226 (1989) 31
Coupal, D.P., see A. Snyder 229 (1989) 169
Coupland, M., see H. Cobbaert 213 (1988) 395
Court, G.R., see J.J. Aubert 218 (1989) 248
Courtat, P., see N. Willis 229 (1989) 33
Couture, G., S. Godfrey and P. Kalyniak, Precision measurements of W-boson properties in an e–γ collider 218 (1989) 361
Couture, G. and M. Praszałowicz, Mixing of the W-boson with a t–$\bar{\text{b}}$ bound state 229 (1989) 139
Cowan, R., see S. Keh 212 (1988) 123
Cowan, R., see H. Janssen 228 (1989) 273
Coward, D.H., see G.D. Barr 214 (1988) 303
Coward, D.H., see J. Adler 227 (1989) 501
Cowsik, R., D.N. Schramm and P. Höflich, Lower bound on e^+e^- decay of massive neutrinos 218 (1989) 91
Cox, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Cox, P.T., see R.E. Breedon 216 (1989) 459
Coyne, D., see S. Keh 212 (1988) 123
Coyne, D., see H. Janssen 228 (1989) 273
Cozzika, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Crawford, G., see P. Avery 223 (1989) 470
Crawford, G., see R. Fulton 224 (1989) 445
Crawford, G., see W.-Y. Chen 226 (1989) 192
Crawford, G., see M.S. Alam 226 (1989) 401
Crawford, J.E., see H.T. Duong 217 (1989) 401
Crawford, J.F., M. Daum, R. Frosch, B. Jost, P.-R. Kettle, R.M. Marshall, B.K. Wright and K.O.H. Ziock, Precision measurement of the mass difference $m_{\pi^-} - m_{\pi^0}$ 213 (1988) 391
Cremaldi, L.M., see J.C. Anjos 223 (1989) 267
Cremonesi, O., see E. Bellotti 221 (1989) 209
Cribier, M., see A.C. Benvenuti 223 (1989) 485, 490
Cribier, M., M. Spiro and J. Favier, Conventional sources of fast neutrons in "cold fusion" experiments 228 (1989) 163

Criegee, L., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Crijns, F., see I.V. Ajinenko 222 (1989) 306
Crisafulli, M., G. Martinelli, V.J. Hill and C.T. Sachrajda, A lattice study of semileptonic decays of D-mesons 223 (1989) 90
Cristofano, G., R. Musto, F. Nicodemi and R. Pettorino, The multiloop covariant tadpole operator and amplitudes for the bosonic string 211 (1988) 417
Cristofano, G., R. Musto, F. Nicodemi and R. Pettorino, Covariant multitadpole operator and bosonization in fermionic string 217 (1989) 59
Crnković, Č., G.M. Sotkov and M. Stanishkov, Minimal models on hyperelliptic surfaces 220 (1989) 397
Crnković, Č., G.M. Sotkov and M. Stanishkov, Genus two partition functions for superconformal minimal models 222 (1989) 217
Crnković, Č., G.M. Sotkov and M. Stanishkov, Renormalization group flow for general SU(2) coset models 226 (1989) 297
Cronström, H.I., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Crosetti, G., see H. Cobbaert 213 (1988) 395
Crystal Ball Collaboration, see S. Keh 212 (1988) 123
Crystal Ball Collaboration, see H. Janssen 228 (1989) 273
Csernai, L.P., see E.F. Staubo 229 (1989) 351
Csörgö, T., J. Zimányi, J.P. Bondorf and H. Heiselberg, Birth of hot matter in relativistic heavy ion collisions 222 (1989) 115
Csorna, S.E., see P. Avery 223 (1989) 470
Csorna, S.E., see R. Fulton 224 (1989) 445
Csorna, S.E., see W.-Y. Chen 226 (1989) 192
Csorna, S.E., see M.S. Alam 226 (1989) 401
Cub, J., see K.-H. Speidel 227 (1989) 16
Cub, J., see U. Reuter 230 (1989) 16
Cucinotta, F.A., G.S. Khandelwal, L.W. Townsend and J.W. Wilson, Correlations in α–α scattering and semi-classical optical models 223 (1989) 127
Cugliandolo, L.F., E. Fradkin and F.A. Schaposnik, Zero modes on the lattice. The vortex fermion system 224 (1989) 407
Cugnon, J., see C. Martin 227 (1989) 301
Cundy, D., see G.D. Barr 214 (1988) 303
Cunningham, R.A., see S.J. Freeman 222 (1989) 347
Curci, G., G. Paffuti and P. Rossi, The hidden SO(4) symmetry of general SU(2) Thirring models 215 (1988) 349
Curci, G., see A. Bondi 216 (1989) 345
Curci, G., see R. Barbieri 219 (1989) 503
Curci, G., see S. Caracciolo 228 (1989) 375
Curien, D., see P. Fallon 218 (1989) 137
Cussol, D., see K. Sneppen 220 (1989) 342
Cussol, D., see K. Hagel 229 (1989) 20
Cutoiu, D., see D. Bucurescu 229 (1989) 321
Cvach, J., see A.C. Benvenuti 223 (1989) 485, 490
Cvetič, G. and R. Kögerler, Quantum-induced fermionic couplings of new heavy gauge bosons 217 (1989) 496
Cvetič, M., How chiral are type-II superstrings? 212 (1988) 153

Cvetič, M., Low energy signals from moduli 229 (1989) 41
Ćwiok, S., see A. Sobiczewski 224 (1989) 1
Ćwiok, S. and W. Nazarewicz, Reflection-asymmetric shapes in transitional odd-*A* Th isotopes 224 (1989) 5
Czyz, W., see A. Białas 229 (1989) 398
Czyżewski, J., see A. Białas 222 (1989) 132

Dacal, A., see J. Pouliot 223 (1989) 16
Dafni, E., see A. Alderson 228 (1989) 463
Dagan, S., see T. Åkesson 214 (1988) 295
D'Agostini, G., see M. Arneodo 211 (1988) 493
D'Agostini, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
D'Agostini, G., see J.J. Aubert 218 (1989) 248
D'Agostini, G., W. de Boer and G. Grindhammer, Determination of α_s and the Z^0 mass from measurements of the total hadronic cross section in e^+e^- annihilation 229 (1989) 160
Dagotto, E., see A. Kocić 213 (1988) 56
Dahlgren, S., see M. Arneodo 211 (1988) 493
Dahlqvist, P., see B. Andersson 214 (1988) 604
Dahme, W., see G. Reifenröther 214 (1988) 325
Dahme, W., see M. Doser 215 (1988) 792
Dahme, W., see B. May 225 (1989) 450
Dai, J. and J. Polchinski, The decay of macroscopic fundamental strings 220 (1989) 387
Dai, Q., W. Ma and Y. Liu, Test of Higgs couplings in e^+e^- colliders 226 (1989) 180
Daigo, M., see K. Abe 213 (1988) 400
Dainton, J.B., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Dale, D.S., A.M. Nathan, F.J. Federspiel, S.D. Hoblit, J. Hughes and D. Wells, Elastic photon scattering on ^{209}Bi: meson exchange contributions to the dipole sum and the orbital g factor 214 (1988) 329
Dalitz, R.H., see S.F. Tuan 213 (1988) 537
Dalitz, R.H., G.R. Goldstein and R. Marshall, Heavy quark spin correlations in e^+e^- annihilations 215 (1988) 783
Da Luz Vieira, J.H. and J.K. Storrow, The photon structure function $F\tilde{\gamma}_2$, vector meson dominance and the applicability of perturbative QCD, Phys. Lett. B 205 (1988) 367. Erratum 219 (1989) 529
Daly, P.J., see H. Emling 217 (1989) 33
Damerell, C., see S. Barlag 218 (1989) 374
Damgaard, P.H., Duality in the U(1) Higgs model with an external field 214 (1988) 570
Damgaard, P.H., see J. Alfaro 222 (1989) 425
D'Amore, J., see D. Aston 215 (1988) 199, 799
Daniel, D., A. González-Arroyo, C.P. Korthals Altes and B. Söderberg, Energy spectrum of SU(2) Yang–Mills fields with space-like symmetric twist 221 (1989) 136
Daniell, G.J. and D.A. Ross, The leading behaviour of diffractive scattering amplitudes in renormalization group improved perturbative QCD 224 (1989) 166
Danielson, U., Properties of the three-dimensional Chern–Simons partition function 220 (1989) 137
Danilov, M., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Dannbom, K., E.M. Nyman and D.O. Riska, Excited hyperons in the Skyrme model 227 (1989) 291
Da Providência, J., see T. Kohmura 226 (1989) 207
Darden, C.W., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Darden, C.W., see A. Bacala 218 (1989) 112
Darriulat, P., see R. Ansari 215 (1988) 175
Da Silva, A.J., see M. Gomes 218 (1989) 63

Dasso, C.H., see C.E. Alonso 212 (1988) 1
Dasso, C.H., S. Landowne and G. Pollarolo, Comment on energy dependent barriers for heavy-ion fusion 217 (1989) 25
Dasu, S., see R.C. Walker 224 (1989) 353
Dau, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dau, W.D., see J.J. Aubert 218 (1989) 248
Daum, C., see S. Barlag 218 (1989) 374
Daum, H.J., see Ch. Berger 227 (1989) 489
Daum, M., see J.F. Crawford 213 (1988) 391
D'Auria, R., see L. Castellani 220 (1989) 539
Davidson, A. and K.C. Wali, Abelian self-interaction of a test loop 213 (1988) 439
Davidson, A. and R. Zamir, Kaluza–Klein straw as a string-guide 223 (1989) 149
Davidson, A., see Y. Verbin 229 (1989) 364
Davidson, J., see A.J. Kreiner 215 (1988) 629
Davidson, M., see A.J. Kreiner 215 (1988) 629
Davier, M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Davier, M. and H. Nguyen Ngoc, An unambiguous search for a light Higgs boson 229 (1989) 150
Davies, A.J., see R.R. Volkas 215 (1988) 133
Davies, C.T.H., see R. Setoodeh 213 (1988) 195
Davies, C.T.H., see I.M. Barbour 215 (1988) 567
Davies, J.D., see G. Kernel 216 (1989) 244; 225 (1989) 198
Davies, J.K., see J.J. Aubert 218 (1989) 248
Davis, A.-C., see R.H. Brandenberger 218 (1989) 304
Davis, A.-C. and W.B. Perkins, The Callan–Rubakov effect. A classical approach 228 (1989) 37
Davis, C.A., see R. Abegg 218 (1989) 436
Davis, D.H., see S. Aoki 224 (1989) 441
Davis, E.D. and D. Boosé, On the variance of the fluctuating cross section 211 (1988) 379
Davis, E.D., Systematic nuclear sensitivity to time reversal noninvariance 226 (1989) 197
Davis, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Davis, R.L. and E.P.S. Shellard, Antisymmetric tensors and spontaneous symmetry breaking 214 (1988) 219
Dawson, S. and S. Willenbrock, Heavy fermion corrections to heavy Higgs-boson production and decay 211 (1988) 200
Dawson, S., Radiative corrections to the effective W approximation 217 (1989) 347
Dawson, S., Higgs boson production in semi-leptonic K and π decays 222 (1989) 143
Dayi, Ö.F., Operator quantization of the massive superparticle 213 (1988) 455
Dayi, Ö.F., On gauge fixing and quantization of constrained hamiltonian systems 228 (1989) 435
De, J.N., see K. Krishan 211 (1988) 269
De, J.N., see C. Samanta 217 (1989) 381
De, J.N., see D. Bandyopadhyay 218 (1989) 391
De, K., see T. Kitagaki 214 (1988) 281
De Alfaro, V., see A. Bottino 215 (1988) 411
De Alwis, S.P., Gauge symmetry breaking in compactified heterotic strings 216 (1989) 277
De Alwis, S.P., The c-theorem, the dilaton and the effective action in string theory 217 (1989) 467
De Alwis, S.P., J. Polchinski and R. Schimmrigk, Heterotic strings with tree level cosmological constant 218 (1989) 449
De Alwis, S.P., see R. Brustein 223 (1989) 305; 229 (1989) 205

De Angelis, G., see H. Kader 227 (1989) 325
Deans, A.J., see L. Connors 220 (1989) 368
D'Eath, P.D. and D.I. Hughes, Supersymmetric mini-superspace 214 (1988) 498
De Azcárraga, J.A., see M. Chaichian 222 (1989) 72
De Barbaro, P., see R.C. Walker 224 (1989) 353
Debebe, B., see R.C. Walker 224 (1989) 353
De Beer, W. and J.P. Rodrigues, Holomorphic factorization and open strings 213 (1988) 291
De Boer, W., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
De Boer, W., see G. D'Agostini 229 (1989) 160
DeBonte, R., see S. Abachi 212 (1988) 533; 226 (1989) 405
De Botton, N., see P. Argan 213 (1988) 564
De Botton, N., see L. Jammes 227 (1989) 21
De Bouard, X., see M. Arneodo 211 (1988) 493
De Bouard, X., see J.J. Aubert 218 (1989) 248
Debray, M., see A.J. Kreiner 215 (1988) 629
DeBrion, J.P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
DeChambrier, G., see R.C. Walker 224 (1989) 353
Decker, K., see A. Billoire 211 (1988) 124
Déclais, Y., see J.J. Aubert 218 (1989) 248
Decman, D.J., see N. Roy 221 (1989) 6
De Coster, C., see K. Heyde 218 (1989) 287
Decrock, P., see P. Dendooven 226 (1989) 27
De Curtis, S., see R. Casalbuoni 215 (1988) 313; 216 (1989) 325; 220 (1989) 569; 229 (1989) 439
Dederichs, K., see T. Åkesson 214 (1988) 295
Defever, F., S. Schrans and K. Thielemans, Moding of superconformal algebras 212 (1988) 467
De Filippo, S., G. Landi, G. Marmo and G. Vilasi, An algebraic description of the electron – monopole dynamics 220 (1989) 576
DeGiorgi, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
De Graeve, A., A. Zieger, R. Van de Vyver, H. Ferdinande, L. Van Hoorebeke, D. Ryckbosch, P. Van Otten and B. Ziegler, The absolute forward photodisintegration cross section of the deuteron at low excitation energies 227 (1989) 321
Degrange, B., see Ch. Berger 227 (1989) 489
De Groot, M., A derivation of the super-BRST anomaly from the super-Weyl anomaly 211 (1988) 63
De Jager, C.W., see R. Soundranayagam 212 (1988) 13
De Jager, C.W., see G. Hartung 221 (1989) 109
Dejbakhsh, H., see H. Utsunomiya 211 (1988) 24
De Jong, F., B. ter Haar and R. Malfliet, Self-consistent inclusion of pion polarisation in the relativistic Dirac–Brueckner approach to nuclear matter 220 (1989) 485
Del Aguila, F. and G.D. Coughlan, Very large intermediate scales in three-generation models 215 (1988) 93
Del Aguila, F., Ll. Ametller, R.D. Field and Ll. Garrido, Searching for the $Z' \to WW \to \ell\nu$ + jet + jet signal at hadron colliders 221 (1989) 408
Del Aguila, F., G.D. Coughlan and M. Masip, A generic problem for a class of three-generation models 227 (1989) 55
De la Incera, V., see E.J. Ferrer 220 (1989) 623
Delamotte, B. and M.E. Fabbrichesi, A classical no-interaction theorem for bosonic strings and its quantum significance 220 (1989) 527
De la Torre, A., see M. Arneodo 211 (1988) 493

Del Campo, S. and A. Vilenkin, Tunneling wavefunction for an anisotropic universe 224 (1989) 45
Delcourt, B., see G. Reifenröther 214 (1988) 325
Delcourt, B., see M. Doser 215 (1988) 792
Delcourt, B., see B. May 225 (1989) 450
Delduc, F., F. Gieres and S.P. Sorella, Supersymmetry of the $d=3$ Chern–Simons action in the Landau gauge 225 (1989) 367
De Leo, R., L. Lagamba, N. Blasi, S. Micheletti, M. Pignanelli, M. Fujiwara, K. Hosono, I. Katayama, N. Matsuoka, S. Morinobu, T. Noro, S. Matsuki, H. Okamura, J.M. Schippers, S.Y. van der Werf and M.N. Harakeh, Quadrupole mixed-symmetry states in ^{106}Pd 226 (1989) 5
De Leo, R., N. Blasi, S. Micheletti, M. Pignanelli, M.N. Harakeh, W.T.A. Borghols, J.M. Schippers and S.Y. van der Werf, Quadrupole core polarization charges in the $A=100$ and 150 mass regions 226 (1989) 202
Deleplanque, M.A., see E.M. Beck 215 (1988) 624
De Lesquen, A., see M. Svec 220 (1989) 653
De Lesquen, A., see N. Akchurin 229 (1989) 299
Delfino, M.C., see H.R. Band 218 (1989) 369
Delius, G.W., Wess–Zumino–Witten model on discrete coset manifolds 221 (1989) 283
Delius, G.W., see F. Bastianelli 229 (1989) 223
Dellagiacoma, F. and F. Iachello, Beta decay of odd-A nuclei in the interacting boson–fermion model 218 (1989) 399
Della Negra, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dell'Uomo, S., see T. Åkesson 214 (1988) 295
De Lotto, B., see R. Ansari 215 (1988) 175
Del Peso, J., see W. Braunschweig 214 (1988) 286
Del Prete, T., see R. Ansari 215 (1988) 175
Demaret, J., Y. De Rop and M. Henneaux, Chaos in non-diagonal spatially homogeneous cosmological models in spacetime dimensions $\leqslant 10$ 211 (1988) 37
Demeterfi, K., see N. Bilić 212 (1988) 83
D'Emilio, E., see S. Catani 211 (1988) 335
Demoulin, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Demski, S., see Ch. Berger 227 (1989) 489
Dem'yanova, A.S., see S.N. Ershov 227 (1989) 315
Dendooven, P., P. Decrock, M. Huyse, G. Reusen, P. Van Duppen and J. Wauters, Life time measurements of 0^+ intruder states in ^{190,192,194}Pb 226 (1989) 27
Denegri, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dengler, F., see M. Arneodo 211 (1988) 493
De Notaristefani, F., see J.V. Allaby 213 (1988) 554
Deo, N., S. Jain and C.-I. Tan, Strings at high energy densities and complex temperature 220 (1989) 125
Deom, C., see C. Alacoque 228 (1989) 370
De Paoli, A., K. Niita, W. Cassing, U. Mosel and C.M. Ko, Eta production in heavy ion collisions 219 (1989) 194
Depireux, D.A., S.J. Gates Jr. and Q-H. Park, Lefton–righton formulation of massless Thirring models 224 (1989) 364
Depommier, P., see T. Åkesson 214 (1988) 295
Derado, I., see M. Arneodo 211 (1988) 493
De Rafael, E., see G. Ecker 223 (1989) 425

Derendinger, J.-P., R. Kaiser and M. Roncadelli, Nonperturbative unification and extended supersymmetry 220 (1989) 164
Derendinger, J.-P., see A.H. Chamseddine 227 (1989) 41
Derevschikov, A., see N. Akchurin 229 (1989) 299
De Roeck, A., see I.V. Ajinenko 222 (1989) 306
De Roo, M. and J.J. Steringa, Absence of mass renormalisation in supersymmetric QED in two and three dimensions 211 (1988) 437
De Roo, M., see E.A. Bergshoeff 218 (1989) 210
De Rop, Y., see J. Demaret 211 (1988) 37
Derrick, M., see S. Abachi 212 (1988) 533; 226 (1989) 405
De Rújula, A. and K. Zioutas, Search for light bosons via the Mössbauer effect 217 (1989) 354
De Saintignon, P., see D. Lebrun 223 (1989) 139
DeSalvo, R., see R. Fulton 224 (1989) 445
DeSalvo, R., see W.-Y. Chen 226 (1989) 192
De Sanctis, E., see A. Magnon 222 (1989) 352
De Sangro, R., see H.R. Band 218 (1989) 369
Descouvemont, P. and D. Baye, Distortion effects in a microscopic $^{16}O+2\alpha$ description of ^{24}Mg 228 (1989) 6
Descroix, E., see C. Baglin 220 (1989) 471
Descroix, E., see R. Bertini 228 (1989) 531
Deser, S., J. McCarthy and Z. Yang, Polynomial formulations and renormalizability in quantum gravity 222 (1989) 61
Deshpande, N.G., J. Trampetic and K. Panose, Decay modes $B\to K\psi$, $K^*\psi$ and long-distance contribution to $B\to K^*\gamma$ from ψ–γ transition 214 (1988) 467
Deshpande, N.G., J.A. Grifols and A. Méndez, Signatures of right-handed gauge bosons through their decays into W and Z bosons in high-energy pp collisions, Phys. Lett. B 208 (1988) 141. Erratum 214 (1988) 661
DeSilva, A., see T. Kitagaki 214 (1988) 281
Deslattes, R.D., see H.G. Börner 215 (1988) 45
DeStaebler, H.C., see A. Snyder 229 (1989) 169
Destri, C., Two-loop β-function for generalised non-abelian Thirring models, Phys. Lett. B 210 (1988) 173. Erratum 213 (1988) 564
Destri, C. and H.J. de Vega, Twisted boundary conditions in conformally invariant theories 223 (1989) 365
De Swiniarski, R., D.L. Pham and J. Raynal, Dirac coupled-channels analysis of inelastic scattering of 800 MeV polarized protons from ^{16}O, ^{24}Mg and ^{26}Mg 213 (1988) 247
De Takacsy, N.B., see E.D. Cooper 220 (1989) 17
Deutsch, J., see P. Argan 213 (1988) 564
Devaux, A., see C. Baglin 220 (1989) 471
Devecchi, F.P., see E. Abdalla 215 (1988) 564
De Vega, H.J. and N. Sánchez, Quantum group generalization of string theory 216 (1989) 97
De Vega, H.J. and T.J.M. Simoes, The Thirring model from the XXZ Heisenberg chain Schwinger terms 217 (1989) 142
De Vega, H.J., see C. Destri 223 (1989) 365
Devenish, R.C.E., see T. Åkesson 214 (1988) 295
De Vincenzi, M., see H. Cobbaert 213 (1988) 395
De Vries, H., see R. Soundranayagam 212 (1988) 13
De Vries, H., see G. Hartung 221 (1989) 109

Dewald, A., see G. Böhm 220 (1989) 27
Dewey, M.S., see H.G. Börner 215 (1988) 45
Dewey, M.S., see K.P. Lieb 215 (1988) 50
DeWire, J.W., see P. Avery 223 (1989) 470
DeWire, J.W., see R. Fulton 224 (1989) 445
DeWire, J.W., see W.-Y. Chen 226 (1989) 192
DeWire, J.W., see M.S. Alam 226 (1989) 401
De Witt Huberts, P.K.A., see G.J. Kramer 227 (1989) 199
De Wolf, E.A., see I.V. Ajinenko 222 (1989) 306
Dey, J., M. Dey and P. Ghose, Thermodynamics of massless quarks and gluons. Finite-size hadron formation and phase transition to the quark–gluon plasma state 221 (1989) 161
Dey, M., see J. Dey 221 (1989) 161
Dhar, A., The spinning particle with extrinsic curvature 214 (1988) 75
Dhar, A., Massive superparticle in (2+1) dimensions and Polyakov's Fermi–Bose transmutations 216 (1989) 137
D'Hose, N., see L. Jammes 227 (1989) 21
D'Hose, N., see G. Audit 227 (1989) 331
Dhuga, K.S., see A.L. Williams 216 (1989) 11
Diakonos, F., see M. Diakonou 216 (1989) 436
Diakonou, M. and F. Diakonos, The $K^-\pi^+\pi^+$ decay of the D^+ meson 216 (1989) 436
Diakonov, D.I. and V.Yu. Petrov, A formula for the Wilson loop 224 (1989) 131
Diakonov, D.I., V.Yu. Petrov and P.V. Pobylitsa, The Wilson loop and heavy-quark potential in the instanton vacuum 226 (1989) 372
Diamandis, G.A., B.C. Georgalas, A.B. Lahanas and C.G. Papadopoulos, Local supersymmetry, superconformal algebra in two dimensions and strings in background fields 227 (1989) 81
Diamond, R.M., see E.M. Beck 215 (1988) 624
Dias de Deus, J., Quantum number flow in diffraction dissociation of mesons 216 (1989) 431
Dias de Deus, J. and J.C. Seixas, Intermittency and particle correlations in very small rapiditiy intervals 229 (1989) 402
Diaz, A.H. and F. Toppan, Towards the quantization of the Green–Schwarz heterotic string 211 (1988) 285
Dib, C.O., I. Dunietz and F.J. Gilman, *CP* violation in the $K_L\to\pi^0\ell^+\ell^-$ decay amplitude for large m_t 218 (1989) 487
Dibon, H., see C. Albajar 226 (1989) 410; 229 (1989) 439
Dichter, B.K., see H. Emling 217 (1989) 33
Dichter, B.K., see P.M. Evans 229 (1989) 25
DiCiaccio, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dick, L., see R.E. Breedon 216 (1989) 459
Dickhoff, W.H., see M.G.E. Brand 214 (1988) 483
Dickhoff, W.H., see A. Ramos 219 (1989) 15
Dicus, D.A., see A. Abbasabadi 213 (1988) 386
Dicus, D.A. and R. Vega, Like-charged W pair production via gluon exchange 217 (1989) 194
Dicus, D.A., S. Nussinov, P.B. Pal and V.L. Teplitz, Implications of relativistic gas dynamics for neutrino–neutrino cross sections 218 (1989) 84
Dicus, D.A. and W.W. Repko, One-loop corrections and unitarity effects in gauge boson scattering 228 (1989) 503
Diebold, G., see P.D. Barnes 229 (1989) 432
Diebold, G.E., see E. Andersen 220 (1989) 328

Dieckmann, A., see S. Bethke 213 (1988) 235
Diemoz, M., see J.V. Allaby 213 (1988) 554
Dietl, H., see S. Barlag 218 (1989) 374
Dietrich, F., see R.C. Walker 224 (1989) 353
Dietrich, K.-G., F. Humbert, A. Richter, B.A. Brown, A.A. Kuliev and O. Scholten, Magnetic dipole strength distribution at high excitation energies in deformed nuclei 220 (1989) 351
Diez Hedo, F.J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Di Francesco, P., Structure constants for rational conformal field theories 215 (1988) 124
Di Giacomo, A., see M. Campostrini 212 (1988) 206; 225 (1989) 393, 403
Di Giacomo, A., G. Paffuti and M.I. Polikarpov, Lattice topological charge and boundary conditions 224 (1989) 324
DiGiacomo, N., see T. Åkesson 214 (1988) 295
DiGregorio, D.E., see J. Pouliot 223 (1989) 16
Dijkstra, H., see T. Banks 212 (1988) 45
Dijkstra, H.B., see I. Adachi 218 (1989) 105
Di Lella, L., see R. Ansari 215 (1988) 175
Di Liberto, S., see H. Cobbaert 213 (1988) 395
Di Liberto, S., see T. Åkesson 214 (1988) 295
Dine, M., see T. Banks 212 (1988) 45
Dine, M., see G.G. Athanasiu 214 (1988) 55
Dines-Hansen, J., see R. Ansari 215 (1988) 175
Dinh Dang, N., Thermo field boson realizations for operators of the finite temperature random phase approximation 229 (1989) 181
Dionisi, C., see J.V. Allaby 213 (1988) 554
Di Toro, M., see A. Bonasera 221 (1989) 233
Dittes, F.-M., E.-M. Ilgenfritz, B. Jozefini and M. Müller-Preussker, On the suppression of the topological susceptibility by dynamical quarks in SU(2) lattice gauge theory 229 (1989) 89
Dittmayer, U., see G. Koch 218 (1989) 143
Di Vecchia, P., K. Hornfeck, M. Frau, A. Lerda and S. Sciuto, *N*-string, *g*-loop vertex for the fermionic string 211 (1988) 301
Dixit, V.V., M. Sher and J.E. Shrauner, Heavy quark contributions to Higgs production via gluon fusion 211 (1988) 197
Djouadi, A. and M. Spira, Measuring static quark properties at LEP 228 (1989) 443
DLS Collaboration, see G. Roche 226 (1989) 228
DM2 Collaboration, see A. Antonelli 212 (1988) 133
DM2 Collaboration, see M.H. Tixier 212 (1988) 523
DM2 Collaboration, see D. Bisello 220 (1989) 321
Dmitriev, V.F., Do the medium effects exist for the (^{3}He, t) reaction at intermediate energies? 226 (1989) 219
Dobado, A., Higgsino production through toponium in e^+e^- reactions 211 (1988) 485
Dobado, A. and M.J. Herrero, Phenomenological lagrangian approach to the symmetry breaking sector of the standard model 228 (1989) 495
Döbereiner, H.-G. and P.-G. Reinhard, Instabilities in the nonlinear relativistic mean-field model 227 (1989) 305
Dobeš, J., On the *F*-spin mixing mechanism 219 (1989) 389
Dobeš, J., Can boson condensate ground state of ^{16}O be a physical one? 222 (1989) 315
Doble, N., see G.D. Barr 214 (1988) 303

Dobroliubov, M.I., see T.M. Aliev 221 (1989) 77
Dobroliubov, M.I. and A.Yu. Ignatiev, Nonconservation of lepton number in supersymmetric theories 221 (1989) 333
Dobroliubov, M.I. and A.Yu. Ignatiev, Are there new decay modes of orthopositronium 229 (1989) 418
Dobrovolskaya, A.V., A.B. Kaidalov, K.A. Ter-Martirosyan and V.R. Zoller, Multiparticle production in the decays of the B-meson 229 (1989) 293
Dobrzynski, L., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Do Dang, G., see P. Christillin 226 (1989) 22
Dodd, J.R., see T. Åkesson 214 (1988) 295
Dodge, W.R., see H.R. Weller 213 (1988) 413
Dolgoshein, B., see T. Åkesson 214 (1988) 295
Dombey, N., see F. Boudjema 222 (1989) 507
Dominguez, C.A. and N. Paver, Semileptonic charm meson decays and the matrix elements $|V_{cs}|$ and $|V_{cd}|$, Phys. Lett. B 207 (1988) 499. Erratum 211 (1988) 500
Dominguez, C.A., N. Paver and Riazuddin, Rare decay $B \to K^* \gamma$ in the standard model 214 (1988) 459
Dominici, D., see R. Casalbuoni 215 (1988) 313; 216 (1989) 325; 220 (1989) 569; 224 (1989) 233; 229 (1989) 439
Dominick, J., see P. Avery 223 (1989) 470
Dominick, J., see M.S. Alam 226 (1989) 401
Donangelo, R., see J.P. Bondorf 214 (1988) 321
Donangelo, R., K. Sneppen and J.P. Bondorf, Appearance of large-amplitude instabilities in an expanding nucleus 219 (1989) 165
Donangelo, R., see H.-W. Barz 228 (1989) 453
Dong, M.-L., see K.-H. Speidel 227 (1989) 16
Dong, S.J., see C.M. Wu 216 (1989) 381
Donnachie, A., see P. Castorina 215 (1988) 589
Donskov, S.V., see D. Alde 216 (1989) 447, 451
Dore, U., see J.V. Allaby 213 (1988) 554
Dorenbosch, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dorey, P.E., see H.W. Braden 227 (1989) 411
Dorfan, D.E., see J. Adler 227 (1989) 501
Dorfan, D.E., see A. Snyder 229 (1989) 169
Dorfan, J.M., see A. Snyder 229 (1989) 169
Dorn, H. and H.-J. Otto, Weyl and Möbius invariance in the path integral derivation of reggeon vertices 221 (1989) 16
Dorokhov, A.E., Z. Kanokov, M.M. Musakhanov and A.M. Rahimov, Recoil corrections to pion–nucleon interactions in the CBM 220 (1989) 14
Dorso, C. and J. Randrup, Classical simulation of nuclear systems 215 (1988) 611
Dosch, H.G. and U. Lisenfeld, An exactly soluble model for the QCD vacuum 219 (1989) 493
Dosch, H.G., M. Jamin and S. Narison, Baryon masses and flavour symmetry breaking of chiral condensates 220 (1989) 251
Dosch, H.G., see A. Krämer 223 (1989) 105
Doser, M., see G. Reifenröther 214 (1988) 325
Doser, M., S. Ahmad, C. Amsler, R. Armenteros, E.G. Auld, D.A. Axen, D. Bailey, S. Barlag, G.A. Beer, J.C. Bizot, M. Botlo, J.M. Butler, M. Comyn, W. Dahme, B. Delcourt, K.D. Duch, K.L. Erdman, F. Feld-Dahme, U. Gastaldi, M. Heel, B. Howard, R. Howard, J. Jeanjean, H. Kalinowsky, F. Kayser, E. Klempt, C. Laa, R. Landua, G.M. Marshall, B. May, H. Nguyen, N. Prevot, J. Riedberger, L.P. Robertson, C. Sabev, U. Schaefer,

O. Schreiber, U. Straumann, P. Truöl, H. Vonach, B.L. White, R.W. Wodrich and M. Ziegler, $\bar{p}p$ annihilation into $K^0\overline{K^0}$ in hydrogen gas 215 (1988) 792
Doser, M., see B. May 225 (1989) 450
Doser, M., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Dosselli, U., see J.J. Aubert 218 (1989) 248
Doubre, H., see K. Hagel 229 (1989) 20
Dowd, J., see J.R. Bensinger 215 (1988) 195
Dowell, J.D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Dowker, J.S., see I.G. Moss 229 (1989) 261
Dowrick, N. and N.A. McDougall, Axion oscillations and the quark–hadron phase transition 214 (1988) 591
Doyle, A.T., see J.F. Bak 213 (1988) 242
Dragon, L., see R. Albrecht 221 (1989) 427
Dragon, N., see W. Buchmüller 223 (1989) 313
Dragovic, B.G., see I.Ya. Aref'eva 212 (1988) 283; 214 (1988) 339
Drăgulescu, E., see D. Bucurescu 229 (1989) 321
Drake, T.E., see D. Frekers 218 (1989) 439
Drapier, O., see C. Baglin 220 (1989) 471
Drees, A., see T. Åkesson 214 (1988) 295
Drees, J., see M. Arneodo 211 (1988) 493
Drees, J., see J.J. Aubert 218 (1989) 248
Drees, M., J. Ellis, Ph. Jetzer and D.W. Sciama, Problems for light higgsinos 220 (1989) 586
Drees, M., J. Ellis and D. Zeppenfeld, Can one detect an intermediate-mass Higgs boson in heavy-ion collisions? 223 (1989) 454
Dreiner, H., J.L. Lopez, D.V. Nanopoulos and D.B. Reiss, No massless scalar adjoints for $N=1$, $D=4$ heterotic strings in the free fermionic formulation 216 (1989) 283
Dreiner, H., J. Ellis and R.A. Flores, The spin of the proton in a hybrid chiral bag model 221 (1989) 167
Drell, P.S., see P. Avery 223 (1989) 470
Drell, P.S., see R. Fulton 224 (1989) 445
Drell, P.S., see W.-Y. Chen 226 (1989) 192
Drell, P.S., see M.S. Alam 226 (1989) 401
Drell, P.S., see A. Snyder 229 (1989) 169
Drescher, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Dressel, B., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Dreyer, T., see M. Arneodo 211 (1988) 493
Drigert, M.W., see W.R. Phillips 212 (1988) 402
Drigert, M.W., see H. Emling 217 (1989) 33
Drinkard, J., see J. Adler 227 (1989) 501
Drissi, S., see J.A. Pinston 218 (1989) 128
Drobnitzki, M., see M. Arneodo 211 (1988) 493
Drożdż, S., see S. Nishizaki 215 (1988) 231
Drożdż, S., see T.L. Ainsworth 228 (1989) 299
Drumm, P.V., see S.J. Freeman 222 (1989) 347
Du, Y.C., see T. Kitagaki 214 (1988) 281
Dubach, J., see J. Lichtenstadt 219 (1989) 394
Dubois, G.P., see J. Adler 227 (1989) 501
Dubois-Violette, M., J. Madore and R. Kerner, Gauge bosons in a noncommutative geometry 217 (1989) 485

Duboscq, J.E., see J.C. Anjos 223 (1989) 267
Duch, K.D., see G. Reifenröther 214 (1988) 325
Duch, K.D., see M. Doser 215 (1988) 792
Duch, K.D., see B. May 225 (1989) 450
Duchovni, E., see C. Albajar 213 (1988) 405
Ducros, Y., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Dudek, J., T. Werner and L.L. Riedinger, Prediction of hyperdeformed nuclear states at very high spins 211 (1988) 252
Dudek, J., T. Werner and L.L. Riedinger, Dependence of the first saddle-point energy on temperature and spin in superdeformed rare earth nuclei 213 (1988) 120
Dudelzak, B., see A. Antonelli 212 (1988) 133
Dudelzak, B., see D. Bisello 220 (1989) 321
Dudelzak, B., see Ch. Berger 227 (1989) 489
Duerdoth, I.P., see S. Bethke 213 (1988) 235
Duff, M.J., C.N. Pope and K.S. Stelle, Consistent interacting massive spin-2 requires an infinity of states 223 (1989) 386
Duff, M.J., see E.A. Bergshoeff 224 (1989) 71
Duff, M.J., C.N. Pope and E. Sezgin, A stable supermembrane vacuum with a discrete spectrum 225 (1989) 319
Duff, M.J., The cosmological constant is possibly zero, but the proof is probably wrong 226 (1989) 36
Dugan, M.J., see A.G. Cohen 222 (1989) 91
Dukelsky, J., see R. Bijker 219 (1989) 5
Dukes, E.C., see R.E. Breedon 216 (1989) 459
Dumarchez, J., see P. Astier 220 (1989) 646
Dunbar, D.C., see D. Bailin 212 (1988) 23; 219 (1989) 76
Duncan, A. and M. Moshe, Nonperturbative physics from interpolating actions 215 (1988) 352
Duncan, A.L., see J. Adler 227 (1989) 501
Dunietz, I., see W.B. Atwood 216 (1989) 227
Dunietz, I., see C.O. Dib 218 (1989) 487
Dunne, G.V. and A.C. Kakas, Anomalous chiral current commutators and divergence 211 (1988) 445
Dunne, G.V., I.G. Halliday and P. Suranyi, Generalised bosonic construction of Virasoro algebras 213 (1988) 139
Dunwoodie, W., see D. Aston 215 (1988) 199, 799
Duong, H.T., J. Pinard, S. Liberman, G. Savard, J.K.P. Lee, J.E. Crawford, G. Thekkadath, F. Le Blanc, P. Kilcher, J. Obert, J. Oms, J.C. Putaux, B. Roussière, J. Sauvage and ISOCELE Collaboration, Shape transition in neutron deficient Pt isotopes 217 (1989) 401
Dur, E., BRST quantization of the superparticle 215 (1988) 657
Durand, J.M., see A. Boudard 214 (1988) 6
Durand, L. and J.L. Lopez, Upper bounds on Higgs and top quark masses in the flipped $SU(5)\times U(1)$ superstring model 217 (1989) 463
Durell, J.L., see S.J. Freeman 222 (1989) 347
Düren, M., see M. Arneodo 211 (1988) 493
Dutty, W., see P.D. Barnes 229 (1989) 432
Dykshoorn, W., R. Koniuk and R. Muñoz-Tapia, Parity doubling at the critical point in tightly bound systems 229 (1989) 132
Dyrek, A., see A. Białas 229 (1989) 398
Dz'unukowska, K., see I.V. Ajinenko 222 (1989) 306

E-581/704 Collaboration, see N. Akchurin 229 (1989) 299
E745 Collaboration, see T. Kitagaki 214 (1988) 281
Eastham, D.A., see S.A. Wells 211 (1988) 272
Ebert, D., see A.A. Bel'kov 220 (1989) 459
Ebrahim, A. and M. Savci, Electromagnetic ^{3}H–^{3}He mass difference in the Skyrme model 215 (1988) 457
Ebrahim, A. and M. Savci, Electromagnetic mass differences of nucleons and Δ-baryons in the Skyrme model 227 (1989) 6
Eckardt, V., see M. Arneodo 211 (1988) 493
Ecker, G., J. Gasser, H. Leutwyler, A. Pich and E. de Rafael, Chiral lagrangians for massive spin-1 fields 223 (1989) 425
Ecker, G., W. Grimus and H. Neufeld, Spontaneous *CP* violation and neutral flavour conservation 228 (1989) 401
Eckerlin, G., see S. Bethke 213 (1988) 235
Eckle, F.J., see H. Kader 227 (1989) 325
Eckle, G., see H. Kader 227 (1989) 325
Edwards, A., see M. Arneodo 211 (1988) 493
Edwards, A., see J.J. Aubert 218 (1989) 248
Edwards, K.W., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Edwards, M., see M. Arneodo 211 (1988) 493
Edwards, M., see J.J. Aubert 218 (1989) 248
Eeg, J.O. and I. Picek, Short-distance *CP*-violating contributions to the $K_L \to \pi^0 e^+ e^-$ decay 214 (1988) 651
Eeg, J.O. and I. Picek, QCD corrections to the $b \to s\gamma$ decay. Appearance of double log terms 224 (1989) 205
Egger, J.-P., see P. Fisher 218 (1989) 257
Eggert, K., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Egli, S., R. Engfer, Ch. Grab, E.A. Hermes, N. Kraus, H.S. Pruys, A. van der Schaaf, R. Eichler, T. Kozlowski, C. Niebuhr, H.K. Walter, W. Bertl, N. Lordong, D. Vermeulen, U. Bellgardt and G. Otter, Measurement of the decay $\pi^+ \to e^+ \nu_e e^+ e^-$ and search for a light Higgs boson 222 (1989) 533
Eguchi, K., see A. Bacala 218 (1989) 112
Eguchi, K., see T. Mori 218 (1989) 499
Eguchi, K., see S.K. Kim 223 (1989) 476
Eguchi, T. and S.-K. Yang, Deformations of conformal field theories and soliton equations 224 (1989) 373
Ehramzhyan, R.A., see N.A. Burkova 223 (1989) 136
Ehrlich, R., see P. Avery 223 (1989) 470
Ehrlich, R., see R. Fulton 224 (1989) 445
Ehrlich, R., see W.-Y. Chen 226 (1989) 192
Ehrlich, R., see M.S. Alam 226 (1989) 401
EHS/NA22 Collaboration, see I.V. Ajinenko 222 (1989) 306
Eich, E., see S. Barshay 212 (1988) 542
Eichler, D., see K.S. Babu 226 (1989) 347
Eichler, R., see S. Egli 222 (1989) 533
Eichten, E., see K. Lane 222 (1989) 274
Eides, M.I., see V.Yu. Brook 216 (1989) 401
Eides, M.I., S.G. Karshenboim and V.A. Shelyuto, Logarithmic terms in muonium hyperfine splitting 216 (1989) 405
Eides, M.I., S.G. Karshenboim and V.A. Shelyuto, New contributions to muonium and hy-

drogen hyperfine splitting induced by vacuum polarization insertions in external photons 229 (1989) 285
Eigen, G., see J. Adler 227 (1989) 501
Eilam, G. and A. Soni, Searching for the standard model Higgs particle in B_s decays 215 (1988) 171
Eilam, G. and A. Soni, *CP* violating asymmetries in B_s decays into Δ 216 (1989) 217
Einhorn, M.B. and D.N. Williams, On the lattice approach to the maximum Higgs boson mass 211 (1988) 457
Einhorn, M.B., see T. Appelquist 220 (1989) 223
Einsweiler, K., see R. Ansari 215 (1988) 175
Einsweiler, K.F., see J. Adler 227 (1989) 501
Eisenberg, J.M., see G. Kälbermann 211 (1988) 389
Eisenberg, Y., see W. Braunschweig 214 (1988) 286
Eisenberg, Y. and S. Solomon, (Super-)field theories from (super-)twistors 220 (1989) 562
Eisenberg, Y., Interacting (super-)field theories from (super-)twistors 225 (1989) 95
Eisenhandler, E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Eisenstein, B.I., see J. Adler 227 (1989) 501
Eisenstein, R.A., see P.D. Barnes 229 (1989) 432
Ejiri, H., T. Kishimoto and H. Noumi, Spin-polarization of Λ hypernuclei produced by compound process of $(\pi^+, K^+ xn\gamma p\gamma)$ reactions 225 (1989) 35
Ejiri, H., E. Takasugi, T. Kishimoto, H. Ohsumi, J. Tanaka and A. Kashitani, Search for the H dihyperon by double weak decay of nuclei 228 (1989) 24
Eletsky, V.L. and M.I. Polikarpov, Temperature correction to the critical temperature 215 (1988) 139
Elias, V. and T.G. Steele, Gluon condensate enhancement of the current quark mass 212 (1988) 88
Eligbaeva, G.Z., see M.I. Adamovich 227 (1989) 285
Elizalde, E., Casimir effects in tori and pairs of plates 213 (1988) 477
Elliott, J.R., see J.C. Anjos 223 (1989) 267
Ellis, J., see I. Antoniadis 211 (1988) 393; 213 (1988) 562
Ellis, J., R.A. Flores and J.D. Lewin, Rates for inelastic nuclear excitation by dark matter particles 212 (1988) 375
Ellis, J. and M. Karliner, An analysis of the angular momentum of the proton 213 (1988) 73
Ellis, J. and G.L. Fogli, The mass of the top quark from electroweak radiative corrections 213 (1988) 526
Ellis, J. and H. Kowalski, A topological model for baryon production in jets 214 (1988) 161
Ellis, J., R.A. Flores, K. Freese, S. Ritz, D. Seckel and J. Silk, Cosmic ray constraints on the annihilations of relic particles in the galactic halo 214 (1988) 403
Ellis, J., K.A. Olive, S. Sarkar and D.W. Sciama, Low-mass photinos and supernova 1987A 215 (1988) 404
Ellis, J., E. Gabathuler and M. Karliner, The OZI rule does not apply to baryons 217 (1989) 173
Ellis, J., I. Karliner and W.J. Stirling, A useful angular variable for the analysis of three-jet events in $p\bar{p}$ collisions 217 (1989) 363
Ellis, J., see R. Mayle 219 (1989) 515
Ellis, J., see M. Drees 220 (1989) 586; 223 (1989) 454
Ellis, J., S. Mohanty and D.V. Nanopoulos, Quantum gravity and the collapse of the wavefunction 221 (1989) 113
Ellis, J., see H. Dreiner 221 (1989) 167
Ellis, J. and L. Mizrachi, Multi-loop no-renormalization theorems for a class of four-dimensional string models 222 (1989) 385
Ellis, J., E.G. Floratos and D.V. Nanopoulos, Wormhole effects on the masses of spin-0 bosons and spin-$\frac{1}{2}$ fermions 225 (1989) 121
Ellis, J., K. Enqvist, D.V. Nanopoulos and K.A. Olive, Can Q-balls save the universe from intermediate-scale phase transitions? 225 (1989) 313

Ellis, J., see B.A. Campbell 225 (1989) 419
Ellis, J., S. Kalara, K.A. Olive and C. Wetterich, Density-dependent couplings and astrophysical bounds on light scalar particles 228 (1989) 264
Ellis, N., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ellis, S.D., see P. Agrawal 221 (1989) 393; 229 (1989) 145
Ellison, R.J., see J.F. Bak 213 (1988) 242
Elsen, E., see S. Bethke 213 (1988) 235
Elsener, K., S.P. Møller, J.B.B. Petersen and E. Uggerhøj, Enhanced shower formation for 205 GeV positrons incident near crystalline axes in Ge and Si 212 (1988) 537
Elsener, K., see J.F. Bak 213 (1988) 242
Elsener, K., see M. Bini 221 (1989) 99
Elsener, K., see R. Medenwaldt 227 (1989) 483
EM Collaboration, see M. Arneodo 211 (1988) 493
EM Collaboration, see J.J. Aubert 218 (1989) 248
Emling, H., see W.R. Phillips 212 (1988) 402
Emling, H., see M. Gai 215 (1988) 242
Emling, H., I. Ahmad, P.J. Daly, B.K. Dichter, M.W. Drigert, U. Garg, Z.W. Grabowski, R. Holzmann, R.V.F. Janssens, T.L. Khoo, W.C. Ma, M. Piiparinen, M.A. Quader, I. Ragnarsson and W.H. Trzaska, Lifetime measurements of terminating and collective high-spin states in ^{155}Dy and ^{156}Dy 217 (1989) 33
Emling, H., see R. Kulessa 218 (1989) 421
Emrich, H.J., see Th. Weber 215 (1988) 469
EMU01 Collaboration, see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Emura, T., see K. Abe 213 (1988) 400
Endo, I., see K. Abe 213 (1988) 400
Endorf, R., see D. Aston 215 (1988) 199, 799
Engel, J., P. Vogel, X. Ji and S. Pittel, Double beta decay in the generalized-seniority scheme 225 (1989) 5
Engelage, J., see G.J. Kim 219 (1989) 62
Engfer, R., see S. Egli 222 (1989) 533
Engler, A., see S. Keh 212 (1988) 123
Engler, A., see H. Janssen 228 (1989) 273
Engler, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Englert, F., J. Orloff and T. Piran, Fundamental strings and large scale structure formation 212 (1988) 423
Englert, F., Quantum physics without time 228 (1989) 111
Ennis, J.F., see M. Gai 215 (1988) 242
Ennyu, D., see N. Nakazawa 222 (1989) 247
Eno, S., see A. Bacala 218 (1989) 112
Eno, S., see T. Mori 218 (1989) 499
Eno, S., see S.K. Kim 223 (1989) 476
Eno, S., see E.H. Low 228 (1989) 548
Enomoto, R., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Enqvist, K., J. Maalampi and A. Masiero, Magnetic moments in the see-saw model 222 (1989) 453
Enqvist, K., see J. Ellis 225 (1989) 313
Ent, R., see G.J. Kramer 227 (1989) 199
En'yo, H., see T. Åkesson 214 (1988) 295
Epele, L.N., C.A. Garcia Canal and M.B. Gay Ducati, Nuclear effects in J/ψ hadroproduction 226 (1989) 167
Eramzhyan, R.A., G.G. Ryzhikh, V.I. Kukulin and Yu.M. Tchuvil'sky, Exchange and cor-

relation effects in the electromagnetic structure of light nuclei 228 (1989) 1
Erdman, K.L., see G. Reifenröther 214 (1988) 325
Erdman, K.L., see M. Doser 215 (1988) 792
Erdman, K.L., see B. May 225 (1989) 450
Eremenko, L.E., see M.I. Adamovich 227 (1989) 285
Erhan, S., see R. Bonino 211 (1988) 239
Erhard, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ericson, M., see P. Vogel 212 (1988) 259
Ericson, T.E.O. and J.-F. Mathiot, Axion emission from SN1987A. Nuclear physics constraints 219 (1989) 507
Ericsson, G., see P.D. Barnes 229 (1989) 432
Erlandsson, B., see T. Åkesson 214 (1988) 295
Ermakov, O.N., see Yu.G. Abov 217 (1989) 225
Ermer, M., H. Clement, G. Frank, P. Grabmayr, N. Heberle and G.J. Wagner, Model-unrestricted scattering potentials for light ions and their interpretation in the folding model 224 (1989) 40
Ermolov, P.F., see I.V. Ajinenko 222 (1989) 306
Ernst, T., see M. Arneodo 211 (1988) 493
Ernwein, J., see Ch. Berger 227 (1989) 489
Erö, J., see R. Büchle 213 (1988) 125
Errede, D., see S. Abachi 212 (1988) 533; 226 (1989) 405
Ershov, S.N., F.A. Gareev, R.S. Kurmanov, E.F. Svinareva, S.G. Kazacha, A.S. Dem'yanova, A.A. Ogloblin, S.A. Goncharov, J.S. Vaagen and J.M. Bang, Do rainbows observed in light ion scattering really pin down the optical potential? 227 (1989) 315
Eschstruth, P., see Ch. Berger 227 (1989) 489
Escobar, C.O., see J.C. Anjos 223 (1989) 267
Escoubes, B., see C. Baglin 225 (1989) 296
Eskola, K.J., K. Kajantie and J. Lindfors, Perturbative thermalisation in nuclear collisions at very high energies? 214 (1988) 613
Eskreys, A., see W. Braunschweig 214 (1988) 286
Estabrooks, P., see J.C. Anjos 223 (1989) 267
Esten, M.J., see H. Cobbaert 213 (1988) 395
Esten, M.J., see T. Åkesson 214 (1988) 295
Esteve, J.G., see J. Casahorrán 215 (1988) 730
Eszes, G., see M. Arneodo 211 (1988) 493
Evangelista, C., see T.A. Armstrong 227 (1989) 186
Evans, D.E., see S.A. Wells 211 (1988) 272
Evans, M. and B.A. Ovrut, Auxiliary supergravity fields, Chern–Simons terms and the heterotic string 214 (1988) 177
Evans, P.M., A.E. Smith, C.N. Pass, L. Stuttgé, R.R. Betts, S.J. Sanders, B.B. Back, B.K. Dichter, D.J. Henderson, F. Videbaek and B.D. Wilkins, Damped reactions in medium mass nuclei 229 (1989) 25
Evertz, H.G., E. Katznelson, P. Lauwers and M. Marcu, Towards a better quantitative understanding of the SU(2) Higgs model 221 (1989) 143
Evseev, I.G., see N.A. Burkova 223 (1989) 136
Eyrich, W., see P.D. Barnes 229 (1989) 432
Ezawa, Z.F., see U. Carow-Watamura 221 (1989) 299; 227 (1989) 73

Fabbrichesi, M.E., see E.C. Christova 218 (1989) 470
Fabbrichesi, M.E., see B. Delamotte 220 (1989) 527
Faber, M., see W. Feilmair 221 (1989) 363
Fabjan, C.W., see T. Åkesson 214 (1988) 295
Fabris, J.C., On the stability of homogeneous solutions of the gravity theory in D dimensions with Euler invariants 223 (1989) 144
Faessler, A., see S. Kuyucak 215 (1988) 10
Faessler, A., see M. Maruyama 215 (1988) 223
Faessler, A. and R. Nojarov, Purely collective versus RPA rotational vibrations 215 (1988) 439
Faessler, A., see A. Buchmann 225 (1989) 301
Faessler, A., see P.O. Lipas 230 (1989) 1
Faestermann, T., see R. Kulessa 218 (1989) 421
Fainberg, V.Ya. and A.V. Marshakov, A propagator for the fermionic string 211 (1988) 81
Fairfield, K., see S. Keh 212 (1988) 123
Fairfield, K., see H. Janssen 228 (1989) 273
Fairlie, D.B., P. Fletcher and C.K. Zachos, Trigonometric structure constants for new infinite-dimensional algebras 218 (1989) 203
Fairlie, D.B. and C.K. Zachos, Infinite-dimensional algebras, sine brackets, and SU(∞) 224 (1989) 101
Faissner, H., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Faivre, J.Cl., see R. Bertini 228 (1989) 531
Fajfer, S. and R.J. Oakes, Second class current effects in tau-lepton decay 213 (1988) 376
Falck, N.K., D. Graudenz and G. Kramer, Five-jet production in e^+e^- annihilation 220 (1989) 299
Falcone, G., see A.J. Kreiner 215 (1988) 629
Falk, A.F., Axigluon contribution to electron–positron scattering 230 (1989) 119
Falkensteiner, P., see W. Bulla 215 (1988) 359
Fallon, P., A. Alderson, M.A. Bentley, A.M. Bruce, P.D. Forsyth, D. Howe, J.W. Roberts, J.F. Sharpey-Schafer, P.J. Twin, F.A. Beck, T. Byrski, D. Curien and C. Schuck, Superdeformed bands in ^{150}Gd and ^{151}Tb: evidence for the influence of high-N intruder states at large deformations 218 (1989) 137
Fallon, P., see A. Alderson 228 (1989) 463
Falomkin, I.V., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Falvard, A., see A. Antonelli 212 (1988) 133
Falvard, A., see M.H. Tixier 212 (1988) 523
Falvard, A., see D. Bisello 220 (1989) 321
Faraggi, A.E., J.L. Lopez, D.V. Nanopoulos and K. Yuan, Flavor violations in no-scale flipped SU(5)×U(1) 221 (1989) 337
Farakos, K., D. Kapetanakis, G. Koutsoumbas and G. Zoupanos, The standard model from a gauge theory in ten dimensions via CSDR 211 (1988) 322
Farakos, K., see N.A. Batakis 220 (1989) 513
Fargeix, J., see C. Baglin 220 (1989) 471
Farhi, E., The wave function of the universe and the square root of minus one 219 (1989) 403
Faro, L., see M.S. Kaplan 215 (1988) 251
Fasano, C. and T.-S.H. Lee, Three-nucleon force in the quark compound bag model 217 (1989) 9
Fatyga, M., see W. Skulski 218 (1989) 7
Faure, J.L., see P. Argan 213 (1988) 564
Favart, D., see P. Argan 213 (1988) 564
Favier, J., see M. Arneodo 211 (1988) 493

Favier, J., see J.J. Aubert 218 (1989) 248
Favier, J., see M. Cribier 228 (1989) 163
Fay, J., see C. Baglin 225 (1989) 296
Fayard, L., see R. Ansari 215 (1988) 175
Fayet, P., Flux limits for high energy cosmic photinos from underground experiments 219 (1989) 521
Fayet, P., The fifth force charge as a linear combination of baryonic, leptonic (or $B-L$) and electric charges 227 (1989) 127
Fazzini, T., see M. Bini 221 (1989) 99
Fedder, L., see F. Lemeilleur 222 (1989) 518
Federspiel, F.J., see D.S. Dale 214 (1988) 329
Fehér, L., see P. Forgács 227 (1989) 214
Feilmair, W., M. Faber and H. Markum, Chiral condensates around static quarks at finite temperatures 221 (1989) 363
Feindt, M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Feld-Dahme, F., see G. Reifenröther 214 (1988) 325
Feld-Dahme, F., see M. Doser 215 (1988) 792
Feld-Dahme, F., see B. May 225 (1989) 450
Feldman, G.J., see A. Snyder 229 (1989) 169
Feldman, H.A., see R.H. Brandenberger 220 (1989) 361
Feldman, H.A. and R.H. Brandenberger, Chaotic inflation with metric and matter perturbations 227 (1989) 359
Feldmeier, A., H. Salecker and F.C. Simm, Substructure tests with polarized $e^+e^- \to 2\gamma$ 223 (1989) 234
Feldmeier, H., see R. Schmidt 229 (1989) 197
Feldscher, L.R., see K.S. Hirata 220 (1989) 308
Felgeyrolles, X., see C. Baglin 220 (1989) 471
Felst, R., see S. Bethke 213 (1988) 235
Feltesse, J., see A.C. Benvenuti 223 (1989) 485, 490
Feltham, A., see P. Weber 230 (1989) 31
Fennel, P., see H. Cobbaert 213 (1988) 395
Fenner, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Fensome, I.F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ferbel, T., see S.F. Tuan 213 (1988) 537
Ferdinande, H., see A. De Graeve 227 (1989) 321
Ferguson, J.F., see M.M. Nieto 228 (1989) 448
Ferguson, R.L., see R. Albrecht 221 (1989) 427
Ferguson, T., see P. Avery 223 (1989) 470
Ferguson, T., see R. Fulton 224 (1989) 445
Ferguson, T., see W.-Y. Chen 226 (1989) 192
Ferguson, T., see M.S. Alam 226 (1989) 401
Fernandez, B., see C. Bérat 218 (1989) 299
Fernández, C., see E. Andersen 220 (1989) 328
Fernandez, E., see A. Snyder 229 (1989) 169
Fernández, L.A., see M. Bernaschi 212 (1988) 211
Fernández, L.A., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Fernández, L.A., E. Marinari, G. Parisi, S. Roncolini and A. Tarancón, The 3D Z_3 spin model and the deconfinement transition in QCD: a problem of universality 217 (1989) 309
Fernández, L.A., U. Marini Bettolo Marconi and A. Tarancón, Phase diagram of the Z(3) spin model in three dimensions 217 (1989) 314

Fernández, L.A., see A.M. Allega 227 (1989) 347
Fernholz, R.C., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422
Fero, M., see A. Angelopoulos 212 (1988) 129
Ferrando, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ferrara, S., see S. Cecotti 213 (1988) 443
Ferrara, S. and M. Porrati, The manifolds of scalar background fields in Z_N orbifolds 216 (1989) 289
Ferrara, S., D. Lüst, A. Shapere and S. Theisen, Modular invariance in supersymmetric field theories 225 (1989) 363
Ferrari, R., see R. Ansari 215 (1988) 175
Ferrarotto, F., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Ferraz, A., see C. Baglin 220 (1989) 471
Ferreira, L.A., J.F. Gomes and A.H. Zimmerman, Vertex operators and Jordan fields 214 (1988) 367
Ferreira, L.S., see M. Baldo 215 (1988) 19
Ferreira, R., see C. Baglin 220 (1989) 471
Ferrer, E.J., V. de la Incera and A.E. Shabad, Meissner screening by induced weak charge in the dense Weinberg–Salam system 220 (1989) 623
Ferrero, L., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Ferrero, M.I., see M. Arneodo 211 (1988) 493
Ferrero, M.I., see J.J. Aubert 218 (1989) 248
Ferro-Luzzi, M., see P. Astier 220 (1989) 646
Ferroni, F., see J.V. Allaby 213 (1988) 554
Ferroni, S., see C. Baglin 225 (1989) 296
Feruglio, F., see P. Chiappetta 213 (1988) 95
Feruglio, F., see R. Casalbuoni 215 (1988) 313; 216 (1989) 325; 220 (1989) 569; 224 (1989) 233; 229 (1989) 439
Fiałkowski, K., see A. Capella 230 (1989) 149
Fick, D., see H. Leucker 223 (1989) 277
Fidecaro, M., see H. Cobbaert 213 (1988) 395
Field, J.H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Field, R.C., see A. Snyder 229 (1989) 169
Field, R.D., see F. del Aguila 221 (1989) 408
Fields, D.E., K. Kwiatkowski, D. Bonser, R.W. Viola, V.E. Viola, W.G. Lynch, J. Pochodzalla, M.B. Tsang, C.K. Gelbke, D.J. Fields and S.M. Austin, Non-equilibrium versus equilibrium emission of complex fragments emitted in ^{14}N induced reactions on Ag and Au at $E/A = 20$–50 MeV 220 (1989) 356
Fields, D.J., see D.E. Fields 220 (1989) 356
Figiel, J., see M. Arneodo 211 (1988) 493
Figueirido, F.E., Particle creation in conformally invariant models 227 (1989) 392
Figueroa-O'Farrill, J.M. and T. Kimura, Some results on the BRST cohomology of the NSR string 219 (1989) 273
Filippini, V., see F. Balestra 230 (1989) 36
Filippone, B.W., see R.C. Walker 224 (1989) 353
Filk, T., K. Fredenhagen, M. Marcu and K. Szlachányi, An order parameter that tests the existence of charged vector bosons in the Georgi–Glashow model 217 (1989) 505
Finch, A.J., see S. Bethke 213 (1988) 235
Fincke-Keeler, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Fink, J., V. Blum, P.-G. Reinhard, J.A. Maruhn and W. Greiner, Systematic study of potential energy surfaces of light nuclei in relativistic Hartree calculations 218 (1989) 277

Fink, J., see V. Blum 223 (1989) 123
Finkelstein, J., Multiplicity distributions in πp, Kp, and pp collisions in an impact-parameter model 213 (1988) 232
Fiore, R., see M. Caselle 224 (1989) 153
Fiorentini, G., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Fiorentini, G. and G. Mezzorani, Neutrinos from SN1987A and long-range forces 221 (1989) 353
Fiorentini, G., see R. Barbieri 226 (1989) 357
Fiorini, E., see E. Bellotti 221 (1989) 209
Fisch, J.M.L., The $N=1$ spinning superstring. A model of the super superstring 219 (1989) 71
Fisch, J.M.L. and M. Henneaux, Antibracket–antifield formalism for constrained hamiltonian systems 226 (1989) 80
Fischer, H.M., see W. Braunschweig 214 (1988) 286
Fischer, P., see T. Åkesson 214 (1988) 295
Fischler, W., see T. Banks 212 (1988) 45
Fischler, W., see G.G. Athanasiu 214 (1988) 55
Fischler, W. and L. Susskind, A wormhole catastrophe 217 (1989) 48
Fisher, P., F. Boehm, E. Bovet, J.-P. Egger, H. Henrikson, K. Gabathuler, L.W. Mitchell, D. Reusser, M. Treichel and J.-L. Vuilleumier, A search for double beta decay in ^{76}Ge 218 (1989) 257
Flauger, W., see J.J. Aubert 218 (1989) 248
Fleck, S., C. Gignoux, J.M. Richard and B. Silvestre-Brac, The dilambda and the pentaquark in the constituent quark model 220 (1989) 616
Flegel, W., see J.V. Allaby 213 (1988) 554
Fletcher, P., see D.B. Fairlie 218 (1989) 203
Fletcher, R.S., see B. Margolis 213 (1988) 221
Fletcher, R.S., F. Halzen and E. Zas, Direct measurement of the charm structure of the nucleon in direct photon experiments 221 (1989) 403
Fletcher, R.S., F. Halzen and R.W. Robinett, Probing the gluon structure of the photon with HERA 225 (1989) 176
Flibotte, S., see P. Taras 222 (1989) 357
Floratos, E.G., J. Iliopoulos and G. Tiktopoulos, A note on SU(∞) classical Yang–Mills theories 217 (1989) 285
Floratos, E.G., The static potential of open bosonic membranes 220 (1989) 61
Floratos, E.G. and G.K. Leontaris, The static potential of closed bosonic membranes 220 (1989) 65
Floratos, E.G. and G.K. Leontaris, On the stability of static bosonic membranes 223 (1989) 37
Floratos, E.G. and G.K. Leontaris, Integrability of the self-dual membranes in (4+1) dimensions and the Toda lattice 223 (1989) 153
Floratos, E.G., see J. Ellis 225 (1989) 121
Floratos, E.G., The Heisenberg–Weyl group on the $Z_N \times Z_N$ discretized torus membrane 228 (1989) 335
Floreanini, R. and R. Percacci, Higher dimensional abelian Chern–Simons theory 224 (1989) 291
Flores, R.A., see J. Ellis 212 (1988) 375; 214 (1988) 403
Flores, R.A., Dynamical estimates of the local density of dark matter 215 (1988) 73
Flores, R.A., see H. Dreiner 221 (1989) 167
Flores, R.A., see B.A. Campbell 225 (1989) 419
Florkowski, W., see A. Bialas 229 (1989) 398
Flügge, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Flynn, J.M. and L. Randall, The *CP* conserving long-distance contribution to the decay $K_L \to \pi^0 e^+ e^-$ 216 (1989) 221

Flynn, J.M. and L. Randall, The electromagnetic penguin contribution to ϵ'/ϵ for large top quark mass 224 (1989) 221
Flynn, P., see C. Albajar 213 (1988) 405
Flyvbjerg, H., $1/N$-expansion of the non-linear σ-model 219 (1989) 323
Fodor, Z., see R. Büchle 213 (1988) 125
Foerster, A. and H.O. Girotti, Anyons and singular gauge transformations 230 (1989) 83
Fogli, G.L., see J. Ellis 213 (1988) 526
Fogli, G.L. and E. Lisi, Bounds on a fourth generation of quarks and leptons from electroweak radiative correction effects 228 (1989) 389
Folger, G., see S. Keh 212 (1988) 123
Folger, G., see H. Janssen 228 (1989) 273
Fominykh, B., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Fong, C.P. and B.R. Webber, Higher-order QCD corrections to hadron energy distributions in jets 229 (1989) 289
Font, A., L.E. Ibáñez, H.-P. Nilles and F. Quevedo, On the concept of naturalness in string theories 213 (1988) 274
Font, A., L.E. Ibáñez, H.-P. Nilles and F. Quevedo, Yukawa couplings in degenerate orbifolds: towards a realistic $SU(3)\times SU(2)\times U(1)$ superstring, Phys. Lett. B 210 (1988) 101. Erratum 213 (1988) 564
Font, A., L.E. Ibáñez and F. Quevedo, $Z_N\times Z_M$ orbifolds and discrete torsion 217 (1989) 272
Font, A., L.E. Ibáñez and F. Quevedo, String compactifications and $N=2$ superconformal coset constructions 224 (1989) 79
Font, A., L.E. Ibáñez, M. Mondragón, F. Quevedo and G.G. Ross, (0, 2) heterotic string compactifications from $N=2$ superconformal theories 227 (1989) 34
Font, A., L.E. Ibáñez and F. Quevedo, Does proton stability imply the existence of an extra Z^0? 228 (1989) 79
Fontaine, G., see C. Albajar 213 (1988) 405
Foot, R., H. Lew and G.C. Joshi, Is the fourth generation a weak $SU(2)$ triplet? 212 (1988) 67
Foot, R., H. Lew, R.R. Volkas and G.C. Joshi, Anomaly cancellation in chiral colour models with a minimal Higgs sector 217 (1989) 301
Foot, R., G.C. Joshi, H. Lew and R.R. Volkas, Horizontal $SU(2)$ symmetry revisited 226 (1989) 318
Force, P., see C. Baglin 220 (1989) 471
Ford, G.W. and D.J. Hegyi, A new limit on scalar and vector contributions to gravity 219 (1989) 247
Ford, W.T., see H.R. Band 218 (1989) 369
Ford, W.T., see A. Snyder 229 (1989) 169
Forden, G.E., see W. Braunschweig 214 (1988) 286
Fordham, C., see A. Snyder 229 (1989) 169
Forgács, P., A. Wipf, J. Balog, L. Fehér and L. O'Raifeartaigh, Liouville and Toda theories as conformally reduced WZNW theories 227 (1989) 214
Forge, A., Renormalization via residual gauge symmetries 224 (1989) 295
Fornal, B., see M. Gonin 217 (1989) 406
Forsbach, H., see J.J. Aubert 218 (1989) 248
Forsyth, P.D., see P. Fallon 218 (1989) 137
Forte, S., Perturbative and nonperturbative anomalous contributions to the polarization of the proton 224 (1989) 189
Fortner, M.R., see J.R. Bensinger 215 (1988) 195

Fortney, L.R., see J.R. Bensinger 215 (1988) 195
Fortson, L., see C. Albajar 226 (1989) 410; 229 (1989) 439
Fortune, H.T., see A.L. Williams 216 (1989) 11
Fossan, D.B., see A.J. Kreiner 215 (1988) 629
Foster, B., see W. Braunschweig 214 (1988) 286
Foster, F., see S. Bethke 213 (1988) 235
Foster, J., see M. Arneodo 211 (1988) 493
Fournier, D., see G.D. Barr 214 (1988) 303
Fowler, G.N., F.S. Navarra, M. Plümer, A. Vourdas, R.M. Weiner and G. Wilk, Initial energy density distribution in high energy heavy ion reactions 214 (1988) 657
Fox, R., see M.B. Tsang 220 (1989) 492
Fradkin, E., see L.F. Cugliandolo 224 (1989) 407
Fraenkel, Z., see T. Åkesson 214 (1988) 295
Frampton, P.H., Y. Okada and M.R. Ubriaco, On adelic formulas for the p-adic string 213 (1988) 260
Franco, E., see G. Corbò 221 (1989) 367; 225 (1989) 463
Frank, A., see P. Van Isacker 225 (1989) 1
Frank, E.D., see K.S. Hirata 220 (1989) 308
Frank, G., see M. Ermer 224 (1989) 40
Frank, M., P. Freund, J. Gebauer, A. Singsaas and L. Stodolsky, Superconducting grains as micro-calorimeters 230 (1989) 159
Frank, W., P. von Brentano, A. Gelberg and H. Harter, Improved description of M1 transitions by special hamiltonians of the proton–neutron interacting boson model 215 (1988) 435
Franke, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Frankel, S., see B. Callen 214 (1988) 127
Frankfurt, L.L., M.I. Strikman, L. Mankiewicz, A. Schäfer, E. Rondio, A. Sandacz and V. Papavassiliou, The valence and strange-sea quark spin distributions in the nucleon from semi-inclusive deep inelastic lepton scattering 230 (1989) 141
Franklin, G., see E. Andersen 220 (1989) 328
Franklin, G., see P.D. Barnes 229 (1989) 432
Franz, A., see R. Albrecht 221 (1989) 427
Franz, J., see R. Büchle 213 (1988) 125
Franz, J., see P.D. Barnes 229 (1989) 432
Fraternali, M., see R. Ansari 215 (1988) 175
Frati, W., see K.S. Hirata 220 (1989) 308
Frau, M., see P. Di Vecchia 211 (1988) 301
Frau, M., A. Lerda, J.G. McCarthy and S. Sciuto, Minimal models on Riemann surfaces 228 (1989) 205
Frautschi, M., see A. Bacala 218 (1989) 112
Frautschi, M., see T. Mori 218 (1989) 499
Frautschi, M., see S.K. Kim 223 (1989) 476
Frautschi, M., see E.H. Low 228 (1989) 548
Fré, P., F. Gliozzi and M. Rego Monteiro, No leftons for heterotic superstrings 219 (1989) 419
Fredenhagen, K., see T. Filk 217 (1989) 505
Fredj, L., see C. Baglin 220 (1989) 471
Freedman, D.Z. and K. Pilch, Thirring model partition functions and harmonic differentials 213 (1988) 331
Freeman, M.D. and P. West, Ramond string scattering in the group theoretic approach to string theory 217 (1989) 259
Freeman, S.J., R. Chapman, J.L. Durell, M.A.C. Hotchkis, F. Khazaie, J.C. Lisle, J.N. Mo,

A.M. Bruce, R.A. Cunningham, P.V. Drumm, D.D. Warner and J.D. Garrett, The microscopic structure of the M1 mode in ^{164}Dy 222 (1989) 347
Freese, K., see J. Ellis 214 (1988) 403
Freese, T., see J. Adler 227 (1989) 501
Frei, Z. and A. Patkós, Surface energy from order parameter profile at the QCD phase transition 222 (1989) 469
Frei, Z. and A. Patkós, Perfect wetting. An alternative for hadronic matter formation in the cooling universe 229 (1989) 102
Freire, F. and R.F. Picken, Consistent non-abelian anomalies via the Fujikawa method 222 (1989) 253
Fréjus Collaboration, see Ch. Berger 227 (1989) 489
Frekers, D., D. Bohle, A. Richter, R. Abegg, R.E. Azuma, A. Celler, C. Chan, T.E. Drake, K.P. Jackson, J.D. King, C.A. Miller, R. Schubank, J. Watson and S. Yen, Spin response of magnetic dipole transitions in ^{156}Gd and ^{164}Dy 218 (1989) 439
Frekers, D., see M.A. Moinester 230 (1989) 41
French, B.R., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Frenkel, A., see H. Cobbaert 213 (1988) 395
Frère, J.-M. and S. Titard, A new look at exotic decays: $\tilde{\rho}(1^{-+}, I=1) \to \eta'\pi$ versus $\rho\pi$ 214 (1988) 463
Frère, J.-M., see R. Akhoury 220 (1989) 258
Fretwurst, E., see F. Lemeilleur 222 (1989) 518
Freund, P., see M. Frank 230 (1989) 159
Freund, P.G.O., see L. Brekke 216 (1989) 53
Freund, P.G.O., T.R. Klassen and E. Melzer, *S*-matrices for perturbations of certain conformal field theories 229 (1989) 243
Frey, R., see A. Snyder 229 (1989) 169
Fridman, A., see S. Keh 212 (1988) 123
Fridman, A., see H. Janssen 228 (1989) 273
Friedlander, E.M., see P.A. Carruthers 222 (1989) 487
Friedlander, E.M., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Friedman, E., Scattering of low energy pions by ^{12}C, ^{40}Ca, ^{58,60,64}Ni and the anomaly in pionic atoms, Phys. Lett. B 207 (1988) 381. Erratum 212 (1988) 542
Friedman, G., see G. Baym 219 (1989) 205
Friedman, J.A. and G.F. Giudice, Cosmologically benign gravitinos at the weak scale 224 (1989) 125
Friedrich, J. and N. Voegler, Violation of Siegert's theorem in the electro-excitation of the $(1^-, T=0)$-level at 7.117 MeV in ^{16}O 217 (1989) 220
Friedrich, J., see K. Reiner 228 (1989) 31
Fries, D.C., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Frisken, W.R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Fritzsch, H., t quarks may decay into Z bosons and charm 224 (1989) 423
Fritzsch, H., The chiral dynamics of QCD and the spins inside the nucleon 229 (1989) 122
Fröbrich, P., The barrier systematics of fusion and capture of heavy systems within the surface friction model 215 (1988) 36
Fröbrich, P., see E. Stiliaris 223 (1989) 291
Fröhlich, M., see Ch. Berger 227 (1989) 489
Froidevaux, D., see R. Ansari 215 (1988) 175
Frolov, S.A. and A.A. Slavnov, Physical subspace norm in hamiltonian BRST-quantization 218 (1989) 461
Frolov, S.A., Effective action for string field theory 229 (1989) 37

Frolov, V.P., M.A. Markov and V.F. Mukhanov, Through a black hole into a new universe 216 (1989) 272
Frolov, V.P., V.D. Skarzhinsky, A.I. Zelnikov and O. Heinrich, Equilibrium configurations of a cosmic string near a rotating black hole 224 (1989) 255
Frosch, R., see J.F. Crawford 213 (1988) 391
Frullani, S., see A. Magnon 222 (1989) 352
Fry, C.A., see A. Bacala 218 (1989) 112
Fry, C.A., see T. Mori 218 (1989) 499
Fry, C.A., see S.K. Kim 223 (1989) 476
Fry, C.A., see E.H. Low 228 (1989) 548
Ftacnik, J., see M. Arneodo 211 (1988) 493
Fuchs, J., Operator algebra and $\mathbb{Z}_2$ symmetry in the D_{even} type su(2) WZW theories 222 (1989) 411
Fucito, F., A grassmannian formulation of the WZW and minimal models 222 (1989) 406
Fuentes, A., see D. Ashery 215 (1988) 41
Fuess, T., see C. Albajar 226 (1989) 410; 229 (1989) 439
Fujii, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujii, K., see D. Aston 215 (1988) 199, 799
Fujii, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujii, M., see K. Kinoshita 228 (1989) 543
Fujii, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujii, Y., see A. Bacala 218 (1989) 112
Fujii, Y., see T. Mori 218 (1989) 499
Fujii, Y., see S.K. Kim 223 (1989) 476
Fujii, Y., see E.H. Low 228 (1989) 548
Fujikawa, K., T. Inagaki and H. Suzuki, BRS anomaly and the Weyl freedom in string theory 213 (1988) 279
Fujikawa, K., Comment on p-dimensionally extended objects in $(p+1)$-dimensional space–time 213 (1988) 425
Fujikawa, K., N. Nakazawa and H. Suzuki, The bosonic string at $D<26$ and the Higgs mechanism 221 (1989) 289
Fujimoto, J., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujimoto, Y. and H. Yamada, Finite-temperature renormalization group equations via the Wilson loop 212 (1988) 77
Fujino, D., see A. Snyder 229 (1989) 169
Fujisawa, H., see G. Pauletta 211 (1988) 19
Fujiwara, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujiwara, M., see R. De Leo 226 (1989) 5
Fujiwara, M., see H. Okamura 227 (1989) 204
Fujiwara, N., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Fujiwara, Y. and Y.C. Tang, Resonating-group study of 6.53 MeV state in ^{8}Li 222 (1989) 311
Fukawa, M., see K. Abe 213 (1988) 400
Fukugita, M., Y. Kohyama and K. Kubodera, Neutrino reaction cross sections on ^{12}C target 212 (1988) 139
Fukugita, M., see Y. Koike 213 (1988) 497
Fukugita, M., see J. Arafune 217 (1989) 186
Fukugita, M., M. Kawasaki and T. Yanagida, Familon model and the reheating of the universe 221 (1989) 129
Fukui, S., see T. Kitagaki 214 (1988) 281
Fukui, T., see K. Abe 213 (1988) 400
Fukushima, Y., see K. Abe 213 (1988) 400

Fukutaka, H., K. Choroku and K. Tanaka, Wormhole solutions in the higher derivative gravity 222 (1989) 191
Fulda, F., see A. Antonelli 212 (1988) 133
Fulda, F., see M.H. Tixier 212 (1988) 523
Fulda, F., see D. Bisello 220 (1989) 321
Fulton, R., see P. Avery 223 (1989) 470
Fulton, R., P. Haas, M. Hempstead, T. Jensen, D.R. Johnson, H. Kagan, R. Kass, F. Morrow, J. Whitmore, P. Baringer, W.-Y. Chen, R.L. McIlwain, D.H. Miller, C.R. Ng, E.I. Shibata, W.-M. Yao, M.S. Alam, D. Chen, N. Katayama, I.J. Kim, W.C. Li, X.C. Lou, C.R. Sun, V. Tanikella, D. Bortoletto, M. Goldberg, N. Horwitz, P. Lubrano, M.D. Mestayer, G.C. Moneti, V. Sharma, I.P.J. Shipsey, T. Skwarnicki, S.E. Csorna, T. Letson, I.C. Brock, T. Ferguson, M. Artuso, C. Bebek, K. Berkelman, E. Blucher, J. Byrd, D.G. Cassel, E. Cheu, D.M. Coffman, G. Crawford, R. DeSalvo, J.W. DeWire, P.S. Drell, R. Ehrlich, R.S. Galik, B. Gittelman, S.W. Gray, A.M. Halling, D.L. Hartill, B.K. Heltsley, J. Kandaswamy, R. Kowalewski, D.L. Kreinick, Y. Kubota, J.D. Lewis, N.B. Mistry, J. Mueller, R. Namjoshi, S. Nandi, E. Nordberg, C. O'Grady, D. Perticone, D. Peterson, M. Pisharody, D. Riley, M. Sapper, A. Silverman, S. Stone, H. Worden, M. Worris, A.J. Sadoff, P. Avery, D. Besson, L. Garren, J. Yelton, T. Bowcock, K. Kinoshita, F.M. Pipkin, M. Procario, R. Wilson, J. Wolinski, D. Xiao, A. Jawahery, C.H. Park and R. Poling, First observation of inclusive ψ production in Υ' decays 224 (1989) 445
Fulton, R., see W.-Y. Chen 226 (1989) 192
Fulton, R., see M.S. Alam 226 (1989) 401
Funk, W., see H. Albrecht 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Furetta, C., see F. Lemeilleur 222 (1989) 518
Furetta, C., see E. Borchi 222 (1989) 525
Furić, M., see G. Backenstoss 222 (1989) 7
Furlong, R.C., Quen's gambit: decuplet quarks and composite axions 211 (1988) 450
Furuno, K., see T. Kitagaki 214 (1988) 281
Fuster, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163

Gaardhøje, J.J., see A.M. Bruce 215 (1988) 237
Gabathuler, E., see M. Arneodo 211 (1988) 493
Gabathuler, E., see J. Ellis 217 (1989) 173
Gabathuler, E., see J.J. Aubert 218 (1989) 248
Gabathuler, K., see P. Fisher 218 (1989) 257
Gabbiani, F., J.H. Kim and A. Masiero, $Z^0 \to b\bar{s}$ and $Z^0 \to \tau\bar{\mu}$ in SUSY: are they observable? 214 (1988) 398
Gabbiani, F., see S.A. Bonometto 222 (1989) 433
Gabioud, B., see R.E. Breedon 216 (1989) 459
Gabriel, J.C., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Gabriel, P., see H.-J. Behrend 218 (1989) 493; 222 (1989) 163
Gadzhieva, S.I., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gago, J.M., see C. Baglin 220 (1989) 471
Gai, M., J.F. Ennis, D.A. Bromley, H. Emling, F. Azgui, E. Grosse, H.J. Wollersheim, C. Mittag and F. Riess, Enhanced E1 deexcitations in ^{218}Ra and the evolution of reflection asymmetry at moderate spins 215 (1988) 242
Gaidos, J., see T.J. Phillips 224 (1989) 348
Gaidot, A., see T. Åkesson 214 (1988) 295
Gaillard, J.-M., see R. Ansari 215 (1988) 175
Gaillard, M.K., Comment on a recent critique of Hara's theorem for radiative hyperon decay 211 (1988) 189
Gaillard, M.K., see P. Binétruy 220 (1989) 68
Gaille, F., see R.E. Breedon 216 (1989) 459
Gaiser, J., see S. Keh 212 (1988) 123
Gaiser, J., see H. Janssen 228 (1989) 273
Gaisser, T.K., see S.M. Barr 214 (1988) 147
Gaisser, T.K. and T. Stanev, Mini-jets in minimum-bias events 219 (1989) 375
Gaitinov, A.S., see M.I. Adamovich 227 (1989) 285
Gajewski, J., see M. Arneodo 211 (1988) 493
Gale, C., see K. Haglin 224 (1989) 433
Galik, R.S., see P. Avery 223 (1989) 470
Galik, R.S., see R. Fulton 224 (1989) 445
Galik, R.S., see W.-Y. Chen 226 (1989) 192
Galik, R.S., see M.S. Alam 226 (1989) 401
Gall, P.D., see J.V. Allaby 213 (1988) 554
Gamba, D., see H. Cobbaert 213 (1988) 395
Gamboa, J., C. Ramírez and M. Ruiz-Altaba, Quantum null (super)strings 225 (1989) 335
Gamerdinger, K., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Gamet, R., see M. Arneodo 211 (1988) 493
Gamet, R., see J.J. Aubert 218 (1989) 248
Gan, K.K., see A. Snyder 229 (1989) 169
Ganenko, V.B., see N.A. Burkova 223 (1989) 136
Ganssauge, E.R., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gao, C. and Y. Kondō, The parity-dependent potential for the ^{16}O+^{20}Ne system using the LCNO model 219 (1989) 40
Garabatos, C., see E. Andersen 220 (1989) 328
Garcia Canal, C.A., see L.N. Epele 226 (1989) 167

García-Recio, C., M.J. López, J. Navarro and F. Roig, Pionic distorsion factors for radiative pion capture studies 222 (1989) 329
Garcias, F., see M. Pi 215 (1988) 5
Gareev, F.A., see S.N. Ershov 227 (1989) 315
Garg, U., see H. Emling 217 (1989) 33
Garibaldi, F., see A. Magnon 222 (1989) 352
Garman, E.F., see W.J. Vermeer 217 (1989) 28
Garpman, S., see M.I. Adamovich 230 (1989) 175
Garpman, S.I.A., see R. Albrecht 221 (1989) 427
Garpman, S.I.A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285
Garren, L., see P. Avery 223 (1989) 470
Garren, L., see R. Fulton 224 (1989) 445
Garren, L., see W.-Y. Chen 226 (1989) 192
Garren, L., see M.S. Alam 226 (1989) 401
Garrett, J.D., see S.J. Freeman 222 (1989) 347
Garrido, Ll., see F. del Aguila 221 (1989) 408
Gartuchava, Z.G., see I.V. Ajinenko 222 (1989) 306
Garvey, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Garzón, J.A., see E. Andersen 220 (1989) 328
Gascon, J., see P. Taras 222 (1989) 357
Gasperini, M., see A. Bottino 215 (1988) 411
Gasperini, M., The cosmological constant and the dimensionality of space–time 224 (1989) 49
Gaspero, M., see H.-J. Behrend 215 (1988) 186
Gasser, J., H. Leutwyler, M.P. Locher and M.E. Sainio, Extracting the pion–nucleon sigma-term from data 213 (1988) 85
Gasser, J., see G. Ecker 223 (1989) 425
Gastaldi, U., see G. Reifenröther 214 (1988) 325
Gastaldi, U., see M. Doser 215 (1988) 792
Gastaldi, U., see B. May 225 (1989) 450
Gates Jr., S.J., P. Majumdar, R.N. Oerter and A.E. Van de Ven, Superspace geometry from $D=4$, $N=1$ heterotic superstrings 214 (1988) 26
Gates Jr., S.J., L. Lu and R.N. Oerter, Simplified SU(2) spinning string superspace supergravity 218 (1989) 33
Gates Jr., S.J., see D.A. Depireux 224 (1989) 364
Gates Jr., S.J., M.T. Grisaru, U. Lindström, M. Roček, W. Siegel, P. van Nieuwenhuizen and A.E. van de Ven, Lorentz covariant quantization of the heterotic superstring 225 (1989) 44
Gates Jr., S.J. and T. Hübsch, Unidexterous locally supersymmetric actions for Calabi–Yau compactifications 226 (1989) 100
Gates Jr., S.J., P. Majumdar, B. Radak and S. Vashakidze, Violation of Lorentz invariance in type II Green–Schwarz superstrings in curved $D=10$, $N=2$ superspace 226 (1989) 237
Gates Jr., S.J., P.S. Howe and C.M. Hull, Quantum supersymmetry and the supergeometry of four-dimensional superstrings 227 (1989) 49
Gath, E.G., Superbosonization of the superstring Thirring ghosts 224 (1989) 67
Gather, K., see W. Braunschweig 214 (1988) 286
Gatignon, L., see G.D. Barr 214 (1988) 303
Gatto, C., see J. Adler 227 (1989) 501
Gatto, R., see R. Casalbuoni 215 (1988) 313; 216 (1989) 325; 220 (1989) 569; 224 (1989) 233; 229 (1989) 439

Gattone, A.O. and J.P. Vary, Relativistic effects in the elastic magnetic form factor of ^{17}O 219 (1989) 22
Gattone, A.O., see M. Chiapparini 224 (1989) 243
Gaudin, M. and I. Kostov, O(n) model on a fluctuating planar lattice. Some exact results 220 (1989) 200
Gauntlett, J.P., Current algebra of the $d=3$ superstring and partial breaking of global supersymmetry 228 (1989) 188
Gavai, R.V. and S. Gupta, J/ψ production in the central region of pp and AA collisions 216 (1989) 239
Gavai, R.V., S. Gupta and K. Sridhar, Large p_T J/ψ production in the central region of AA and pp collisions 227 (1989) 161
Gavela, M.B., L. Maiani, S. Petrarca, G. Martinelli and O. Pène, First results for the $\Delta I=\frac{1}{2}$ amplitude in K decays with quenched lattice QCD and Wilson fermions 211 (1988) 139
Gavilanes, C. and J. Pérez-Mercader, Wormholes and particle masses 228 (1989) 173
Gavin, S. and M. Gyulassy, Transverse-momentum dependence of J/ψ production in nuclear collisions 214 (1988) 241
Gavrilenko, I., see T. Åkesson 214 (1988) 295
Gawędzki, K. and A. Kupiainen, G/H conformal field theory from gauged WZW model 215 (1988) 119
Gay Ducati, M.B., see L.N. Epele 226 (1989) 167
Gayler, J., see J.J. Aubert 218 (1989) 248
Gazes, S.B., see E. Plagnol 221 (1989) 11
Gazzaly, M., see G. Pauletta 211 (1988) 19
Gazzaly, M.M., see N. Akchurin 229 (1989) 299
Gearhart, R., see R.C. Walker 224 (1989) 353
Gebauer, B., see E. Stiliaris 223 (1989) 291
Gebauer, J., see M. Frank 230 (1989) 159
Geddes, N., see M. Arneodo 211 (1988) 493
Gee, M., see A. Angelopoulos 212 (1988) 129
Geer, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Geiser, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Geist, W.M., Suppression of high-p_T nucleons – a signature of deconfinement in heavy ion collisions? 211 (1988) 233
Geist, W.M., see E. Andersen 220 (1989) 328
Gelberg, A., see S. Kuyucak 215 (1988) 10
Gelberg, A., see W. Frank 215 (1988) 435
Gelbke, C.K., see D.E. Fields 220 (1989) 356
Gelbke, C.K., see M.B. Tsang 220 (1989) 492
Gelfand, N., see T. Kitagaki 214 (1988) 281
Gelletly, W., see A.A. Hahn 218 (1989) 365
Gelphman, D., see S. Keh 212 (1988) 123
Gelphman, D., see H. Janssen 228 (1989) 273
Genchev, V.I., see A.C. Benvenuti 223 (1989) 485, 490
Geng, C.Q. and J.N. Ng, A minimal spontaneous *CP*-violation model with small neutrino mass and $SU(2)\times U(1)\times Z_3$ symmetry 211 (1988) 111
Genser, K., see W. Braunschweig 214 (1988) 286
Georgalas, B.C., see G.A. Diamandis 227 (1989) 81
George, R., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Georgi, H., An extended technicolor model with custodial SU(2) symmetry 216 (1989) 155
Georgi, H., see R.S. Chivukula 222 (1989) 258

Gepner, D., Field identification in coset conformal field theories 222 (1989) 207
Gerard, A., see A. Magnon 222 (1989) 352
Gerard, J.-M., see W.A. Bardeen 211 (1988) 343
Gerasimov, A. and A. Morozov, Conformal blocks for minimal models 225 (1989) 87
Gerassimov, S.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gerber, J., see K.-H. Speidel 227 (1989) 16
Gerber, J., see U. Reuter 230 (1989) 16
Gerhards, R., see W. Braunschweig 214 (1988) 286
Gerhardt, V., see J.J. Aubert 218 (1989) 248
Gerke, C., see H. Cobbaert 213 (1988) 395
Germán, G. and H. Kleinert, Two-loop string tension of stiff strings at finite temperature in any dimension 220 (1989) 133
Germán, G. and H. Kleinert, Stiffness dependence of deconfinement transition for strings with extrinsic curvature term 225 (1989) 107
Gerschel, C., see C. Baglin 220 (1989) 471
Gervais, J.-L., see A. Bilal 211 (1988) 95
Gervais, J.-L. and I.T. Todorov, Ghost systems as rational conformal theories 219 (1989) 435
Gervasio, G., see E. Bellotti 221 (1989) 209
Gettner, M.W., see H.R. Band 218 (1989) 369
Gevorkyan, S.R., Ar.M. Kotzinian and V.M. Jaloyan, Space–time picture of photon–nucleon interaction in the QCD Born approximation 212 (1988) 254
Geyer, C., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162
Ghedira, L., see G. Audit 227 (1989) 331
Ghesquiere, C., see C. Albajar 213 (1988) 405
Ghez, P., see C. Albajar 213 (1988) 405
Ghidini, B., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Ghiglino, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ghose, P., see J. Dey 221 (1989) 161
Ghosh, A., see D. Ghosh 218 (1989) 431
Ghosh, D., A. Mukhopadhyay, A. Ghosh and J. Roy, The validity of the negative binomial multiplicity distribution in the case of the relativistic nucleus–nucleus interaction 218 (1989) 431
Ghosh, S. and R. Banerjee, Anomalous commutators in vector and chiral gauge theories 220 (1989) 581
Giannatiempo, A., see M. Bini 221 (1989) 99
Giansiracusa, G., see M. Baldo 215 (1988) 19
Gibbons, G.W. and P.J. Ruback, Winding strings, Kaluza–Klein monopoles and Runge–Lenz vectors 215 (1988) 653
Gibney, M.C., see J.C. Anjos 223 (1989) 267
Giboni, K.L., see T.J. Phillips 224 (1989) 348
Gibrat-Debu, F., see T. Åkesson 214 (1988) 295
Gibson, V., see G.D. Barr 214 (1988) 303
Gidal, G., see A. Snyder 229 (1989) 169
Giddings, S.B., Strings at the Hagedorn temperature 226 (1989) 55
Giddings, S.B. and A. Strominger, String wormholes 230 (1989) 46
Giele, W.T., see F.A. Berends 211 (1988) 91; 224 (1989) 237
Gieres, F., BRS invariant gauge fixing of local and global zero modes in superstring theory 216 (1989) 87
Gieres, F., see F. Delduc 225 (1989) 367
Gieres, F., see J.P. Ader 226 (1989) 302

Gignoux, C., see S. Fleck 220 (1989) 616
Gildemeister, O., see R. Ansari 215 (1988) 175
Gilkinson, D.J., see H. Albrecht 211 (1988) 489
Gill, A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gill, D.R., see R. Bertini 228 (1989) 531
Gill, R.L., see H. Mach 230 (1989) 21
Gillet, V., see M. Cauvin 219 (1989) 35
Gillman, A., see S. Barlag 218 (1989) 374
Gilman, F.J., see C.O. Dib 218 (1989) 487
Gilman, R., see D. Ashery 215 (1988) 41
Gilmore, R., see S. Barlag 218 (1989) 374
Giménez, V., J.A. Peñarrocha and J. Bordes, QCD condensates from e^+e^- to hadrons data in the $\phi(1020)$ meson channel 214 (1988) 247
Giménez, V., J.A. Peñarrocha and J. Bordes, QCD condensates from tau decay experimental data in the axial channel 223 (1989) 245
Giménez, V., see J. Bordes 223 (1989) 251
Gingrich, D.M., see H. Albrecht 211 (1988) 489
Girard, T.A., see P.A. Quin 229 (1989) 29
Girardello, L., see S. Cecotti 213 (1988) 443
Girardi, G., see P. Chiappetta 225 (1989) 437
Girardi, G., see P. Binétruy 228 (1989) 471
Giraud-Heraud, Y., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Girija, V. and J. Hüfner, pp collisions at ISR energies: rapidity distributions for fixed multiplicities 212 (1988) 501
Girod, M., see H. Kucharek 216 (1989) 249
Girone, M., see T.A. Armstrong 227 (1989) 186
Girotti, H.O., see A. Foerster 230 (1989) 83
Gittelman, B., see P. Avery 223 (1989) 470
Gittelman, B., see R. Fulton 224 (1989) 445
Gittelman, B., see W.-Y. Chen 226 (1989) 192
Gittelman, B., see M.S. Alam 226 (1989) 401
Giubellino, P., see T. Åkesson 214 (1988) 295
Giubellino, P., see F. Lemeilleur 222 (1989) 518
Giubellino, P., see E. Borchi 222 (1989) 525
Giudice, G.F., G. Ridolfi and E. Roulet, Testing cosmion candidates at the Tevatron 211 (1988) 370
Giudice, G.F., F. Giuliani and S. Ranfone, Phenomenological implications of a possible large $\nu_{\tau L}$–$\nu_{\tau R}$ mixing 212 (1988) 181
Giudice, G.F. and E. Roulet, A supersymmetric solution to the solar neutrino and dark matter problems 219 (1989) 309
Giudice, G.F., see J.A. Friedman 224 (1989) 125
Giuliani, F., see G.F. Giudice 212 (1988) 181
Giveon, A., N. Malkin and E. Rabinovici, The Riemann surface in the target space and vice versa 220 (1989) 551
Givernaud, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Gizon, A., see D. Bucurescu 229 (1989) 321
Gizon, J., see D. Bucurescu 229 (1989) 321
Gladding, G., see J. Adler 227 (1989) 501

Gladney, L., see A. Snyder 229 (1989) 169
Glanzman, T., see A. Snyder 229 (1989) 169
Glaser, G., see S. Keh 212 (1988) 123
Glaser, G., see H. Janssen 228 (1989) 273
Gläser, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Glasow, R., see R. Albrecht 221 (1989) 427
Glässel, P., see T. Åkesson 214 (1988) 295
Glicenstein, J.F., see Ch. Berger 227 (1989) 489
Gliozzi, F., see P. Fré 219 (1989) 419
Gliozzi, F., see M. Caselle 224 (1989) 153
Glover, E.W.N. and J.J. van der Bij, Vector boson pair production via gluon fusion 219 (1989) 488
Glover, E.W.N. and A.D. Martin, Double Higgs boson production in Z decay 226 (1989) 393
Glück, M., E. Reya and A. Vogt, Radiatively generated hadronic photon structure at low Q^2 222 (1989) 149
Gninenko, S.N., see G.S. Atoyan 220 (1989) 317
Göckeler, M., see W. Bernreuther 214 (1988) 109
Godbole, R.M. and S. Gupta, Jet production from nuclei and the cumulative region in nuclear structure functions 228 (1989) 129
Goddard, P. and A. Schwimmer, Factoring out free fermions and superconformal algebras 214 (1988) 209
Goderre, G.P., see H.R. Band 218 (1989) 369
Godfrey, G., see S. Keh 212 (1988) 123
Godfrey, G., see H. Janssen 228 (1989) 273
Godfrey, S., see G. Couture 218 (1989) 361
Goeke, K., see Th. Meissner 214 (1988) 312; 227 (1989) 296
Goeke, K., see E. Ruiz Arriola 225 (1989) 22
Goerlach, U., see T. Åkesson 214 (1988) 295
Goggi, V.G., see R. Ansari 215 (1988) 175
Gogokhia, V.Sh. and B.A. Magradze, Infrared finite quark propagator and chiral symmetry breaking in QCD 217 (1989) 162
Gogokhia, V.Sh., Quark confinement and dynamical breakdown of chiral symmetry in covariant gauge QCD 224 (1989) 177
Goity, J.L. and H. Leutwyler, On the mean free path of pions in hot matter 228 (1989) 517
Gold, M.S., see A. Snyder 229 (1989) 169
Goldanskii, V.I., Neutron-excessive nuclei and two-proton radioactivity 212 (1988) 11
Goldberg, H. and Z. Ryzak, Radiative corrections for $\Upsilon \to H\gamma$ in $\overline{\text{MS}}$, and a lower bound on the mass of the Higgs 218 (1989) 348
Goldberg, M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Goldberg, M., see P. Avery 223 (1989) 470
Goldberg, M., see R. Fulton 224 (1989) 445
Goldberg, M., see W.-Y. Chen 226 (1989) 192
Goldberg, M., see M.S. Alam 226 (1989) 401
Golden, M. and B. Grinstein, Enhanced *CP* violations in hadronic charm decays 222 (1989) 501
Goldhaber, A.S. and R. MacKenzie, Are cyons really anyons? 214 (1988) 471
Goldhaber, G., see A. Snyder 229 (1989) 169
Goldman, T., see R.J. Hughes 212 (1988) 18
Goldman, T., K.R. Maltman and G.J. Stephenson Jr., The finite QED correction to the quark–gluon vertex 228 (1989) 396

Goldman, T., see M.M. Nieto 228 (1989) 448
Goldring, G., see A. Alderson 228 (1989) 463
Goldschmidt-Clermont, Y., see T.A. Armstrong 221 (1989) 216, 221
Goldstein, G.R., see R.H. Dalitz 215 (1988) 783
Goloskie, D., see T. Kitagaki 214 (1988) 281
Goloviznin, V.V., A.M. Snigirev and G.M. Zinovjev, Hadron radiation from hot quark–gluon plasma 211 (1988) 167
Golowich, E., F. Iddir, A. LeYaouanc, L. Oliver, O. Pène and J.C. Raynal, Covariance in the quark model calculation of form factors: B→D*ev as an example 213 (1988) 521
Golterman, M.F.L., see S. Bellucci 217 (1989) 289
Golterman, M.F.L. and D.N. Petcher, The decoupling of right-handed neutrinos in chiral lattice gauge theories 225 (1989) 159
Golubeva, E.S., see M.B. Golubeva 221 (1989) 238
Golubeva, M.B., E.S. Golubeva, F.F. Guber, T.L. Karavicheva, Yu.G. Kudenko, A.B. Kurepin, A.I. Reshetin and N.S. Topilskaya, Inclusive proton spectra by 0.6–1 GeV/c pion interaction with nuclei 221 (1989) 238
Golutvin, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Golutvin, I.A., see A.C. Benvenuti 223 (1989) 485
Gomes, J.F., see L.A. Ferreira 214 (1988) 367
Gomes, M., V.O. Rivelles and A.J. da Silva, On the quantization of chiral bosonic particles 218 (1989) 63
Gomes, P., see C. Baglin 220 (1989) 471
Gomez, C., see L. Alvarez-Gaumé 220 (1989) 142
Gomis, J., see C. Battle 224 (1989) 288
Goncharov, S.A., see S.N. Ershov 227 (1989) 315
Gong, M., see E.F. Staubo 229 (1989) 351
Gong, W.G., see M.B. Tsang 220 (1989) 492
Gonidec, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Gonin, M., L. Cooke, K. Hagel, Y. Lou, J.B. Natowitz, R.P. Schmitt, B. Srivastava, W. Turmel, H. Utsunomiya, R. Wada, B. Fornal, G. Nardelli, G. Nebbia, G. Viesti, R. Zanon, G. Prete, P. Gonthier and B. Wilkins, Determination of the temperatures of hot nuclei from "first chance" emission spectra 217 (1989) 406
Gonthier, P., see M. Gonin 217 (1989) 406
González-Arroyo, A. and J. Salas, Computing the couplings of Ising systems from Schwinger–Dyson equations 214 (1988) 418
González-Arroyo, A., see D. Daniel 221 (1989) 136
Gonzalez-Garcia, M.C. and J.W.F. Valle, Fast decaying neutrinos and observable flavour violation in a new class of majoron models 216 (1989) 360
Gooch, T., see S. Barlag 218 (1989) 374
Goodman, M.W., Exponential suppression of string interactions on orbifolds 215 (1988) 491
Gorbunov, P., see J.V. Allaby 213 (1988) 554
Gordon, J., see G. Roche 226 (1989) 228
Gorelov, I., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Gorenstein, M.I. and O.A. Mogilevsky, Momentum distribution functions of a non-perturbative quark–gluon plasma and dilepton emission with small invariant mass 228 (1989) 121

Gorishny, S.G., A.L. Kataev and S.A. Larin, Next-next-to-leading $O(\alpha_s^3)$ QCD correction to σ_{tot} ($e^+e^- \to$ hadrons): analytical calculation and estimation of the parameter $\Lambda_{\overline{MS}}$ 212 (1988) 238
Görlich, L., see S. Barlag 218 (1989) 374
Gorodetzky, P., see C. Baglin 220 (1989) 471
Gorsky, A.S., B.L. Ioffe and A.Yu. Khodjamirian, New anomaly. Nonvanishing emission and scattering of longitudinal photons in massless quantum electrodynamics 227 (1989) 474
Gössling, C., see R. Ansari 215 (1988) 175
Gössling, C., see J.J. Aubert 218 (1989) 248
Gothe, R., see G. Koch 218 (1989) 143
Gotow, K., see A. Bacala 218 (1989) 112
Gotow, K., see T. Mori 218 (1989) 499
Gotow, K., see S.K. Kim 223 (1989) 476
Gotow, K., see E.H. Low 228 (1989) 548
Götz, J., J. Ramschütz, F. Weber and M.K. Weigel, The influence of retardation in the nuclear relativistic Hartree–Fock theory 226 (1989) 213
Gouanère, M., see D. Alde 216 (1989) 447, 451
Goulian, M.D. and O.F. Hernández, Constraints on representations of conformal field theories 215 (1988) 511
Goulianos, K., see R.E. Breedon 216 (1989) 459
Gounaris, G.J. and H. Neufeld, Why ι(1460) decays mainly into $K\bar{K}\pi$? 213 (1988) 541
Gounaris, G.J. and H. Neufeld, Why ι(1460) decays mainly into $K\bar{K}\pi$?, Phys. Lett. B 213 (1988) 541. Erratum 218 (1989) 508
Govaerts, J., Quantum consistency of open string theories 220 (1989) 77
Govindarajan, T.R., see E.C.G. Sudarshan 213 (1988) 471
Góźdź, A., see Z. Łojewski 213 (1988) 107
Graaf, K., see H. Janssen 228 (1989) 273
Graaff, K., see S. Keh 212 (1988) 123
Grab, C., see J. Adler 227 (1989) 501
Grab, Ch., see S. Egli 222 (1989) 533
Grabmayr, P., see M. Ermer 224 (1989) 40
Grabmayr, P., see K. Reiner 228 (1989) 31
Grabowski, M. and C.-H. Tze, Generalized self-dual bosonic membranes, vector-cross products and analyticity in higher dimensions 224 (1989) 259
Grabowski, Z.W., see H. Emling 217 (1989) 33
Gracco, V., see C. Baglin 225 (1989) 296
Gracey, J.A., Non-perturbative effects in the exact S-matrices of the $O(N)$ Gross–Neveu and supersymmetric σ models 215 (1988) 505
Gracey, J.A., Next to leading order scattering amplitudes in the $O(N+1)$ supersymmetric σ model 216 (1989) 336
Graf, N., see A. Angelopoulos 212 (1988) 129
Grafström, P., see M. Arneodo 211 (1988) 493
Grant, I.S., see S.A. Wells 211 (1988) 272
Gras, P., see S. Barlag 218 (1989) 374
Grassmann, H., see C. Albajar 213 (1988) 405
Grasso, A., see F. Balestra 215 (1988) 247
Graudenz, D., see N.K. Falck 220 (1989) 299
Graw, G., see H. Kader 227 (1989) 325

Grawe, H., see A.P. Byrne 217 (1989) 38
Gray, S.W., see P. Avery 223 (1989) 470
Gray, S.W., see R. Fulton 224 (1989) 445
Gray, S.W., see W.-Y. Chen 226 (1989) 192
Gray, S.W., see M.S. Alam 226 (1989) 401
Graziani, F. and K.A. Olive, Chaotic inflation in models with flat directions 216 (1989) 31
Greco, M., see F. Aversa 211 (1988) 465; 228 (1989) 134
Green, J., see A. Bacala 218 (1989) 112
Green, J., see T. Mori 218 (1989) 499
Green, J., see S.K. Kim 223 (1989) 476
Green, M.B., Super-translations, superstrings and Chern–Simons forms 223 (1989) 157
Green, M.B. and C.M. Hull, Covariant quantum mechanics of the superstring 225 (1989) 57
Green, M.B. and C.M. Hull, The ghost structure of the superstring 229 (1989) 215
Greene, G., see H.G. Börner 215 (1988) 45
Greene, S., see G. Pauletta 211 (1988) 19
Greenshaw, T., see S. Bethke 213 (1988) 235
Greensite, J. and J. Iwasaki, Monte Carlo study of the Yang–Mills vacuum wavefunctional in $D=4$ dimensions 223 (1989) 207
Grégoire, C., see S. Ayik 212 (1988) 269; 216 (1989) 466
Grégoire, C., see M.F. Rivet 215 (1988) 55
Gregoire, C., see K. Sneppen 220 (1989) 342
Gregoire, C., see E. Suraud 229 (1989) 359
Gregory, J.M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Gregory, P., see J.J. Aubert 218 (1989) 248
Gregory, R., Global string singularities 215 (1988) 663
Greiner, C. and B. Müller, Pair correlations of neutral strange particles emitted in relativistic heavy ion collisions 219 (1989) 199
Greiner, D.E., see E. Andersen 220 (1989) 328
Greiner, W., see C. Hartnack 215 (1988) 33
Greiner, W., see J. Fink 218 (1989) 277
Greiner, W., see V. Blum 223 (1989) 123
Greiner, W., see J. Aichelin 224 (1989) 34
Griffin, H., see M.B. Tsang 220 (1989) 492
Griffith, J.A.R., see S.A. Wells 211 (1988) 272
Grifols, J.A. and S. Peris, The magnetic moment of the neutrino in a model with two Higgs boson doublets 213 (1988) 482
Grifols, J.A., see N.G. Deshpande 214 (1988) 661
Grifols, J.A., E. Massó and S. Peris, Majoron couplings to neutrinos and SN1987A 215 (1988) 593
Grifols, J.A., S. Peris and J. Solà, Low-energy neutrino scattering: a probe of the ZWW interaction, Phys. Lett. B 197 (1987) 437. Erratum 218 (1989) 508
Grifols, J.A., E. Massó and S. Peris, Photinos from gravitational collapse 220 (1989) 591
Grigjanis, R., P.J. O'Donnell, M. Sutherland and H. Navelet, QCD-corrected effective lagrangian for b→s processes 213 (1988) 355
Grigjanis, R., P.J. O'Donnell, M. Sutherland and H. Navelet, QCD radiative corrections to $B\to X_s e^+e^-$ processes 223 (1989) 239
Grigjanis, R., P.J. O'Donnell, M. Sutherland and H. Navelet, QCD radiative corrections to charmless B decays 224 (1989) 209

Grigoriev, D.Yu., V.A. Rubakov and M.E. Shaposhnikov, Sphaleron transitions at finite temperatures: numerical study in (1+1) dimensions 216 (1989) 172
Grigoriev, E., see J.V. Allaby 213 (1988) 554
Grigoryan, A.A. and A.E. Tyugu, Arbitrary spin meson in QCD sum rules 216 (1989) 198
Grigoryan, A.A. and A.E. Tyugu, Arbitrary spin meson in QCD sum rules, Phys. Lett. B 216 (1989) 198. Erratum 222 (1989) 538
Grigoryan, N.G., see I.V. Ajinenko 222 (1989) 306
Grigoryan, S.G., see I.G. Aznauryan 214 (1988) 637
Grimm, R., see L. Baulieu 228 (1989) 325
Grimm, R., see P. Binétruy 228 (1989) 471
Grimus, W., see G. Ecker 228 (1989) 401
Grindhammer, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Grindhammer, G., see G. D'Agostini 229 (1989) 160
Grinstein, B., L. Hall and L. Randall, Do B meson decays exclude a light Higgs? 211 (1988) 363
Grinstein, B. and M.B. Wise, Light scalars in quantum gravity 212 (1988) 407
Grinstein, B. and L. Randall, The renormalization of G^2 217 (1989) 335
Grinstein, B. and C.T. Hill, The trace anomaly and low energy phenomenological implications of wormholes 220 (1989) 520
Grinstein, B., see M. Golden 222 (1989) 501
Grinstein, B., Critical reanalysis of *CP* asymmetries in B^0 decays to *CP* eigenstates 229 (1989) 280
Grisaru, M.T. and D. Zanon, Covariant quantization of the Green–Schwarz sigma-model 218 (1989) 26
Grisaru, M.T., see S.J. Gates Jr. 225 (1989) 44
Grivaz, J.F., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Gronau, M., see W. Buchmüller 220 (1989) 641
Groom, D.E., see H.R. Band 218 (1989) 369
Grosdidier, G., see A. Antonelli 212 (1988) 133
Grosdidier, G., see M.H. Tixier 212 (1988) 523
Grosdidier, G., see D. Bisello 220 (1989) 321
Grosnick, D.P., see N. Akchurin 229 (1989) 299
Gross, C.J., see E.F. Moore 211 (1988) 14
Gross, D.H.E., G. Klotz-Engmann and H. Oeschler, Relative velocities between fragments. A key quantity in multifragmentation 224 (1989) 29
Gross, F. and K.M. Maung, Meson exchange and the relativistic multiple scattering formalism 229 (1989) 188
Grosse, E., see M. Gai 215 (1988) 242
Grosse, E., see R. Kulessa 218 (1989) 421
Grosse, H., see W. Bulla 215 (1988) 359
Grosse-Wiesmann, P., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Grosse-Wiesmann, P., see W.B. Atwood 216 (1989) 227
Grosse-Wiesmann, P., see A. Snyder 229 (1989) 169
Grossiord, J.Y., see C. Baglin 220 (1989) 471
Grossiord, J.Y., see R. Bertini 228 (1989) 531
Grossman, B., see L. Baulieu 212 (1988) 351; 214 (1988) 223
Grossman, B., Adelic conformal field theory 215 (1988) 260
Grossman, B., Adelic conformal field theory, Phys. Lett. B 215 (1988) 260. Erratum 219 (1989) 531
Grossman, B., T.W. Kephart and J.D. Stasheff, Solutions to gauge field equations in eight dimensions. Conformal invariance and the last Hopf map 220 (1989) 431

Grossman, B., see G. Chapline 223 (1989) 336
Grote, J., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Grotowski, K., J. Ilnicki, T. Kozik, J. Łukasik, S. Micek, Z. Sosin, A. Wieloch, N. Heide, H. Jelitto, I. Kiener, H. Rebel and S. Zagromski, Compound nucleus emission of intermediate mass fragments in the ^{6}Li+Ag reaction at 156 MeV 223 (1989) 287
Groves, J., see S.A. Wells 211 (1988) 272
Gruhn, C.R., see E. Andersen 220 (1989) 328
Grümmer, F., see Th. Meissner 214 (1988) 312; 227 (1989) 296
Grundberg, J., T.H. Hansson, A. Karlhede and U. Lindström, Spin, statistics and linked loops 218 (1989) 321
Grunhaus, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Gu, P., see E.H. Low 228 (1989) 548
Guadagnini, E., M. Martellini and M. Mintchev, Perturbative aspects of the Chern–Simons field theory 227 (1989) 111
Guadagnini, E., M. Martellini and M. Mintchev, Chern–Simons model and new relations between the HOMFLY coefficients 228 (1989) 489
Guaraldo, C., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Guba, V.G., M.A. Nikolaev and M.G. Urin, Gamow–Teller giant resonance (GTR) configurational splitting 218 (1989) 283
Guber, F.F., see M.B. Golubeva 221 (1989) 238
Guichard, A., see C. Baglin 220 (1989) 471
Guichard, A., see R. Bertini 228 (1989) 531
Guilarte, J.M., The supersymmetric Yang–Mills vacuum: topology and physics 222 (1989) 241
Guillaud, J.P., see C. Baglin 220 (1989) 471; 225 (1989) 296
Guillet, J.Ph., see F. Aversa 211 (1988) 465
Guillot, J., see J.A. Pinston 218 (1989) 128
Gulamov, K.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gulyamov, U.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Gunderson, B., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Gündüc, Y., see P. Bacilieri 220 (1989) 607; 224 (1989) 333
Gündüc, Y., see M. Campostrini 225 (1989) 393
Guo, H.-Y., see Y. Yu 216 (1989) 68
Gupta, A.K. and M.B. Wise, Comment on wormhole correlations 218 (1989) 21
Gupta, R., G.W. Kilcup, A. Patel and S.R. Sharpe, The β-function for pure gauge SU(3) 211 (1988) 132
Gupta, R., see A. Patel 225 (1989) 398
Gupta, S., see R.V. Gavai 216 (1989) 239; 227 (1989) 161
Gupta, S. and J.C. Parikh, Can charge correlations be used to signal the formation of a quark–gluon plasma? 219 (1989) 354
Gupta, S., see R.M. Godbole 228 (1989) 129
Gürsey, F., see H.Y. Cheung 219 (1989) 127
Gushchin, V.A., see N.A. Burkova 223 (1989) 136
Güsken, S., K. Schilling, R. Sommer, K.-H. Mütter and A. Patel, Mass splittings in the baryon octet and the nucleon σ-term in lattice QCD 212 (1988) 216
Güsken, S., U. Löw, K.-H. Mütter, R. Sommer, A. Patel and K. Schilling, Non-singlet axial vector couplings of the baryon octet in lattice QCD 227 (1989) 266
Gustafson, G., see B. Andersson 214 (1988) 604
Gustafsson, H.-Å., see R. Albrecht 221 (1989) 427

Gustafsson, L., see M. Arneodo 211 (1988) 493
Gusynin, V.P., V.A. Kushnir and V.A. Miransky, On the character of scalar symmetry breaking in gauge theories 213 (1988) 177
Gusynin, V.P., V.A. Kushnir and V.A. Miransky, On the character of scalar symmetry breaking in gauge theories, Phys. Lett. B 213 (1988) 177. Erratum 215 (1988) 805
Gusynin, V.P., V.A. Kushnir and V.A. Miransky, On the spectrum of excitations in some strong coupling gauge models 220 (1989) 635
Gusynin, V.P., New algorithm for computing the coefficients in the heat kernel expansion 225 (1989) 233
Gutbrod, H.H., K.H. Kampert, B.W. Kolb, A.M. Poskanzer, H.-G. Ritter and H.R. Schmidt, A new component of the collective flow in relativistic heavy-ion collisions 216 (1989) 267
Gutbrod, H.H., see R. Albrecht 221 (1989) 427
Gutsche, T., see M. Maruyama 215 (1988) 223
Gutsche, T. and D. Robson, Positive and convergent self-energy in a chiral potential model 229 (1989) 333
Güven, R., Supermembranes on black holes 212 (1988) 277
Guy, J., P.P. Allport, M. Berggren, E.F. Clayton, A. Cooper-Sarkar, P.O. Hulth, G.T. Jones, U. Katz, P. Marage, E. Matsinos, M.M. Mobayyen, D.R.O. Morrison, G. Myatt, M. Neveu, S. O'Neale, M.A. Parker, J. Sacton, R.A. Sansum, E. Simopoulou, G.W. Van Apeldoorn, K. Varvell, W. Venus, H. Wachsmuth and W. Wittek, Neutrino interactions, proton production and a nuclear effect 229 (1989) 421
Gyles, W., see R. Bertini 228 (1989) 531
Gyulassy, M., see S. Gavin 214 (1988) 241
Gyulassy, M. and S.S. Padula, Implications of pion interferometry for O+Au at 200 A GeV 217 (1989) 181

Haas, B., see P. Taras 222 (1989) 357
Haas, H., see A.P. Byrne 217 (1989) 38
Haas, J., see M. Arneodo 211 (1988) 493
Haas, J., see J.J. Aubert 218 (1989) 248
Haas, P., see P. Avery 223 (1989) 470
Haas, P., see R. Fulton 224 (1989) 445
Haas, P., see W.-Y. Chen 226 (1989) 192
Haas, P., see M.S. Alam 226 (1989) 401
Haatuft, A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Haba, J., see K. Abe 213 (1988) 400
Hackel, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Hädinger, U., see H.-J. Behrend 212 (1988) 515; 218 (1989) 493; 222 (1989) 163
Haeberli, W., see S. Kistryn 219 (1989) 58
Haenni, D.R., see H. Utsunomiya 211 (1988) 24
Hafen, E.S., see T. Kitagaki 214 (1988) 281
Hafidouni, M., see E. Andersen 220 (1989) 328
Hagberg, E., see M. Arneodo 211 (1988) 493
Hage Ali, M., see R. Medenwaldt 227 (1989) 483
Hagel, K., see M. Gonin 217 (1989) 406
Hagel, K., A. Péghaire, G.M. Jin, D. Cussol, H. Doubre, J. Péter, F. Saint-Laurent, G. Bizard, R. Brou, M. Louvel, J.P. Patry, R. Regimbart, J.C. Steckmeyer, B. Tamain, Y. Cassagnou, R. Legrain, C. Lebrun, E. Rosato, R. MacGrath, S.C. Jeong, S.M. Lee, Y. Nagashima, T. Nakagawa, M. Ogihara, J. Kasagi and T. Motobayashi, Incomplete fusion in nucleus–nucleus central collisions. Study of ^{40}Ar on ^{27}Al from 25 to 85 MeV/u 229 (1989) 20
Hagelberg, F., see U. Reuter 230 (1989) 16
Hagelberg, R., see G.D. Barr 214 (1988) 303
Hagelin, J.S., see I. Antoniadis 213 (1988) 562
Hagelin, J.S., R.J.D. Parker and A. Hankey, Does weakly interacting dark matter change the primordial abundance of light elements? 215 (1988) 397
Hagelin, J.S., see L. Connors 220 (1989) 368
Hagemann, G.B., see K. Schiffer 219 (1989) 52
Hagemann, J., see S. Bethke 213 (1988) 235
Haggerty, J., see A. Snyder 229 (1989) 169
Hagiwara, K., M. Sakuda and N. Terunuma, Limits on lepton–quark contact interactions from the quark forward–backward asymmetry in e^+e^- annihilation 219 (1989) 369
Hagiwara, K., see V. Barger 220 (1989) 464
Hagiwara, K., A.D. Martin and M.F. Wade, Helicity amplitude analysis of $B \to D^* \ell \nu$ decays 228 (1989) 144
Haglin, K., J. Kapusta and C. Gale, Covariant computation of e^+e^- production in nucleon–nucleon collisions 224 (1989) 433
Haglund, R., see T. Åkesson 214 (1988) 295
Hahn, A.A., K. Schreckenbach, W. Gelletly, F. von Feilitzsch, G. Colvin and B. Krusche, Antineutrino spectra from ^{241}Pu and ^{239}Pu thermal neutron fission products 218 (1989) 365
Hahn, B., see R. Ansari 215 (1988) 175
Hahn, M., see H.-J. Behrend 212 (1988) 515; 218 (1989) 493; 222 (1989) 163
Hahne, F.J.W. and A. Klein, Generalization of the quantized Bogoliubov–Valatin transformation 229 (1989) 1
Haidt, D., see S. Bethke 213 (1988) 235

Haidt, D., see K. Abe 213 (1988) 400
Haissinski, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Hajduk, Z., see S. Barlag 218 (1989) 374
Hajdukovic, D., Concerning the measurement of the gravitational acceleration of charged particles 226 (1989) 352
Hall, L., see B. Grinstein 211 (1988) 363
Hall, S.J., see G. Koch 218 (1989) 143
Haller, K., Consistency questions in the light cone gauge based on equal time commutation rules 220 (1989) 446
Halliday, I.G., see G.V. Dunne 213 (1988) 139
Halling, A.M., see P. Avery 223 (1989) 470
Halling, A.M., see R. Fulton 224 (1989) 445
Halling, A.M., see W.-Y. Chen 226 (1989) 192
Halling, A.M., see M.S. Alam 226 (1989) 401
Hallman, T., see G. Roche 226 (1989) 228
Halpern, M.B. and Yu.M. Makeenko, Continuum-regularized loop-space equation 218 (1989) 230
Halsteinslid, A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Halzen, F., see B. Margolis 213 (1988) 221
Halzen, F., see R.S. Fletcher 221 (1989) 403; 225 (1989) 176
Hama, S., see E.D. Cooper 220 (1989) 658
Hamacher, K., see J.J. Aubert 218 (1989) 248
Hamada, K.J. and M. Takao, Spin-4 current algebra, Phys. Lett. B 204 (1988) 247. Erratum 213 (1988) 564
Hamamoto, I., The reliability of the triaxial parameter of the intrinsic shape derived from the one-dimensional cranking analysis 211 (1988) 1
Hamamoto, I., J. Höller and X.Z. Zhang, Electric-dipole transitions in deformed rare-earth nuclei 226 (1989) 17
Hamamoto, I., J. Höller and X.Z. Zhang, Electric-dipole transitions in deformed rare-earth nuclei, Phys. Lett. B 226 (1989) 17. Erratum 229 (1989) 439
Hamann, N., see P.D. Barnes 229 (1989) 432
Hamel, L.A., see T. Åkesson 214 (1988) 295
Hamer, C.J., Hamiltonian strong coupling expansions for glueball masses in SU(3) 224 (1989) 339
Hamilton, R.P., see J. Adler 227 (1989) 501
Hamon, O., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Han, D.H., see E.H. Low 228 (1989) 548
Han, H., see E. Plagnol 221 (1989) 11
Han, T., see V. Barger 212 (1988) 117; 220 (1989) 464
Hanada, H., see T. Kitagaki 214 (1988) 281
Hanaoka, K., see A. Bacala 218 (1989) 112
Handler, T., see T. Kitagaki 214 (1988) 281
Hankey, A., see J.S. Hagelin 215 (1988) 397
Hanna, M., see P. Weber 230 (1989) 31
Hänni, H., see R. Ansari 215 (1988) 175
Hansen, J.R., see R. Bonino 211 (1988) 239
Hansen, J.R., see R. Ansari 215 (1988) 175
Hansen, P., see R. Ansari 215 (1988) 175
Hansen, P.G., see M. Bini 221 (1989) 99
Hansmeyer, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163

Hanson, G., see A. Snyder 229 (1989) 169
Hansson, T.H., M. Roček, I. Zahed and S.C. Zhang, Spin and statistics in massive (2+1)-dimensional QED 214 (1988) 475
Hansson, T.H., see J. Grundberg 218 (1989) 321
Hansson, T.H., A. Karlhede and M. Roček, On Wilson loops in abelian Chern–Simons theories 225 (1989) 92
Hara, K., see R. Ansari 215 (1988) 175
Hara, Y. and S. Sakai, Polarization of gluons 221 (1989) 67
Harada, H., see A. Bacala 218 (1989) 112
Harada, H., see T. Mori 218 (1989) 499
Harada, H., see S.K. Kim 223 (1989) 476
Harada, H., see R.C. Walker 224 (1989) 353
Harada, H., see E.H. Low 228 (1989) 548
Harada, K., see U. Carow-Watamura 227 (1989) 73
Harakeh, M.N., see S.Y. van der Werf 216 (1989) 15
Harakeh, M.N., see R. De Leo 226 (1989) 5, 202
Harari, H., Light neutrinos as cosmological dark matter – a crucial experimental test 216 (1989) 413
Harder, G., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Hargis, H.J., see T. Kitagaki 214 (1988) 281
Harindranath, A., see G. Yen 218 (1989) 408
Harjes, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Harmon, B.A., see J. Pouliot 223 (1989) 16
Harnew, N., see R. Ansari 215 (1988) 175
Haroutunian, R., see C. Baglin 220 (1989) 471
Harr, R., see A. Snyder 229 (1989) 169
Harris, F.A., see A. Snyder 229 (1989) 169
Harrison, P.F., see H. Cobbaert 213 (1988) 395
Harrus, I., see G.D. Barr 214 (1988) 303
Harston, M., see S. Stanislaus 219 (1989) 237
Hart, E.L., see T. Kitagaki 214 (1988) 281
Hart, J.C., see W. Braunschweig 214 (1988) 286
Harter, H., see W. Frank 215 (1988) 435
Harter, H., see P.O. Lipas 230 (1989) 1
Hartill, D.L., see P. Avery 223 (1989) 470
Hartill, D.L., see R. Fulton 224 (1989) 445
Hartill, D.L., see W.-Y. Chen 226 (1989) 192
Hartill, D.L., see M.S. Alam 226 (1989) 401
Hartmann, H., see W. Braunschweig 214 (1988) 286
Hartmann, J., see W. Braunschweig 214 (1988) 286
Hartnack, C., H. Stöcker and W. Greiner, Landau–Vlasov model versus Vlasov–Uehling–Uhlenbeck approach. Different flow effects from the same theory? 215 (1988) 33
Hartnack, C., see J. Aichelin 224 (1989) 34
Hartner, G.F., see J.C. Anjos 223 (1989) 267
Harton, J., see T. Kitagaki 214 (1988) 281
Hartung, G., A. Richter, E. Spamer, H. Woertche, C. Rangacharyulu, C.W. de Jager and H. de Vries, Inelastic electron scattering off mixed symmetry $J^{\pi}=2^{+}$ states in ^{56}Fe 221 (1989) 109

Harvey, J.A. and S.G. Naculich, Cosmic strings from pseudo-anomalous U(1)'s 217 (1989) 231
Hasai, H., see G. Pauletta 211 (1988) 19
Hasai, H., see C. Ohmori 230 (1989) 27
Hasegawa, K., see T. Kitagaki 214 (1988) 281
Hasegawa, M., S. Tazaki and K. Muramatsu, Spin-dependence of diabolic pair transfer in the band crossing region 226 (1989) 1
Hasegawa, T., see C. Ohmori 230 (1989) 27
Hasenfratz, A. and T. Neuhaus, Non-perturbative study of the strongly coupled scalar-fermion model 220 (1989) 435
Hasenfratz, P. and M. Maggiore, Bosonization and doubling 220 (1989) 215
Hasert, F.J., see M. Arneodo 211 (1988) 493
Hasiewicz, Z., J. Kowalski-Glikman, J. Lukierski and J.W. van Holten, sl(1|1; $\mathbb{R}$)-cohomologies in BRST-Gupta–Bleuler quantization 217 (1989) 95
Hass, M., see A. Alderson 228 (1989) 463
Hassard, J., see W. Braunschweig 214 (1988) 286
Hasse, R.W., see J. Jaenicke 214 (1988) 1
Hast, C., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Hata, H., Quantization of non-local field theory and string field theory 217 (1989) 438
Hata, H., BRS symmetry and path-integral quantization of string field theory 217 (1989) 445
Hatori, S., see H. Okamura 227 (1989) 204
Hatsuda, T., Strangeness mixing in nucleon and scalar mesons 213 (1988) 361
Hatsuda, T. and I. Zahed, The spin of the proton and the axial anomaly 221 (1989) 173
Hatsuda, T. and M. Prakash, Parity doubling of the nucleon and first order chiral transition in dense matter 224 (1989) 11
Haupt, T., see I.V. Ajinenko 222 (1989) 306
Hauser, J., see J. Adler 227 (1989) 501
Häusser, O., see M.A. Moinester 230 (1989) 41
Hawkes, C.M., see A. Snyder 229 (1989) 169
Hayakawa, S.-I., see H. Okamura 227 (1989) 204
Hayashi, M., Determination of fusion rule for E_6-type conformal field theory 225 (1989) 251
Hayashi, M.J., A. Murayama and S. Takeshita, Three-generation model of the heterotic string compactified on the six-torus 228 (1989) 42
Hayashibara, I., see K. Abe 213 (1988) 400
Hayashii, H., see D. Aston 215 (1988) 199, 799
Hayashii, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Hayes, K., see A. Snyder 229 (1989) 169
Hayman, P., see M. Arneodo 211 (1988) 493
Hayman, P., see J.J. Aubert 218 (1989) 248
Haynes, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Hayward, E., see H.R. Weller 213 (1988) 413
Hayward, E., On the polarizability of the proton 223 (1989) 133
Haywood, S.J., see C. Albajar 213 (1988) 405
He, X.-G., B.H.J. McKellar and P.K. Pallaghy, Radiative generation of quark mixings in a supersymmetric left–right symmetric model 218 (1989) 216
He, X.-G. and R.R. Volkas, Models featuring spontaneous *CP*-violation, an invisible axion and light neutrino masses, Phys. Lett. B 208 (1988) 261. Erratum 218 (1989) 508

He, X.-G., see K.S. Babu 219 (1989) 342
He, X.-G., G.C. Joshi, B.H.J. McKellar and R.R. Volkas, Connection between generation number and anomaly cancellation in supersymmetric models 222 (1989) 86
He, X.-G. and B.H.J. McKellar, Up and down quark mass hierarchy in an invisible axion model 225 (1989) 173
Headly, D.M., see E.F. Moore 211 (1988) 14
Heath, G.P., see W. Braunschweig 214 (1988) 286
Hebbeker, T., see J.V. Allaby 213 (1988) 554
Heberle, N., see M. Ermer 224 (1989) 40
Heckman, H.H., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Hedberg, V., see T. Åkesson 214 (1988) 295
Heel, M., see G. Reifenröther 214 (1988) 325
Heel, M., see M. Doser 215 (1988) 792
Heel, M., see B. May 225 (1989) 450
Hegyi, D.J., see G.W. Ford 219 (1989) 247
Heide, N., see K. Grotowski 223 (1989) 287
Heiden, M., see E. Andersen 220 (1989) 328
Heifetz, R., see T. Åkesson 214 (1988) 295
Heil, R.D., see C. Wesselborg 211 (1988) 500
Heil, R.D., see Th. Weber 215 (1988) 469
Heiliger, P. and L.M. Sehgal, Semileptonic decays of B mesons into $\tau\nu_\tau$ 229 (1989) 409
Heimberg, P., see H. Utsunomiya 211 (1988) 24
Heimlich, F.H., see S. Keh 212 (1988) 123
Heimlich, F.H., see H. Janssen 228 (1989) 273
Heinrich, O., see V.P. Frolov 224 (1989) 255
Heinsius, F.H., see S. Keh 212 (1988) 123
Heinsius, F.H., see H. Janssen 228 (1989) 273
Heintze, J., see S. Bethke 213 (1988) 235
Heinz, R., see G.D. Barr 214 (1988) 303
Heinzelmann, G., see S. Bethke 213 (1988) 235
Heiselberg, H., see T. Csörgö 222 (1989) 115
HELIOS Collaboration, see T. Åkesson 214 (1988) 295
Hellenbrand, K.H., see S. Bethke 213 (1988) 235
Heller, L., see A.T.M. Aerts 221 (1989) 194
Hellmund, M. and J. Kripfganz, Background field equations for the heterotic string at finite temperature 223 (1989) 67
Helmer, R.L., see D.A. Cebra 227 (1989) 336
Helmer, R.L., see M.A. Moinester 230 (1989) 41
Heltsley, B.K., see P. Avery 223 (1989) 470
Heltsley, B.K., see R. Fulton 224 (1989) 445
Heltsley, B.K., see W.-Y. Chen 226 (1989) 192
Heltsley, B.K., see M.S. Alam 226 (1989) 401
Hemmi, Y., see K. Abe 213 (1988) 400
Hempstead, M., see P. Avery 223 (1989) 470
Hempstead, M., see R. Fulton 224 (1989) 445
Hempstead, M., see W.-Y. Chen 226 (1989) 192
Hempstead, M., see M.S. Alam 226 (1989) 401

Henckes, M., see J.J. Aubert 218 (1989) 248
Henderson, D.J., see P.M. Evans 229 (1989) 25
Henderson, R., see M.A. Moinester 230 (1989) 41
Hendry, D., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Henley, E.M., see M. Maruyama 215 (1988) 223
Henneaux, M., see J. Demaret 211 (1988) 37
Henneaux, M. and C. Teitelboim, The cosmological constant and general covariance 222 (1989) 195
Henneaux, M., see J.M.L. Fisch 226 (1989) 80
Henning, P.A., Ch. Becker, A. Lang and U. Winkler, Thermo field dynamics and the generation of bosonic coherent states 217 (1989) 211
Henrikson, H., see P. Fisher 218 (1989) 257
Henriques, A.B., see M.C. Bento 218 (1989) 162; 220 (1989) 113
Henry, E.A., see N. Roy 221 (1989) 6
Henry, E.A., see D.F. Kusnezov 228 (1989) 11
Henzi, R., see A. Billoire 211 (1988) 124
Hermes, E.A., see S. Egli 222 (1989) 533
Hernández, E. and E. Oset, Study of the $\bar{p}d \to \Sigma^- K^+$ reaction 226 (1989) 223
Hernández, O.F., see M.D. Goulian 215 (1988) 511
Herrera, G., see H. Albrecht 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Herrero, M.J., see A. Dobado 228 (1989) 495
Herrup, D., see A. Snyder 229 (1989) 169
Herskind, B., see A.M. Bruce 215 (1988) 237
Herskind, B., see K. Schiffer 219 (1989) 52
Hertzog, D., see P.D. Barnes 229 (1989) 432
Hetrick, J.E. and Y. Hosotani, Yang–Mills theory on a circle 230 (1989) 88
Heusch, C.A., see J. Adler 227 (1989) 501
Heusch, C.A., see A. Snyder 229 (1989) 169
Heusse, P., see M. Arneodo 211 (1988) 493
Heusse, P., see G.D. Barr 214 (1988) 303
Hewett, J.L. and S. Pakvasa, Single leptoquark production at TeV e^+e^- colliders 227 (1989) 178
Heyde, K., see V. Paar 211 (1988) 265
Heyde, K., see J. Ryckebusch 216 (1989) 252; 222 (1989) 183
Heyde, K., C. de Coster, J. Ryckebusch and M. Waroquier, Equivalence of the spherical and deformed shell-model approach to intruder states 218 (1989) 287
Heyde, K., see J. Copnel 222 (1989) 1
Heyde, K., see K. Reiner 228 (1989) 31
Hibou, F., see N. Willis 229 (1989) 33
Hicks, K.H., see M.A. Moinester 230 (1989) 41
Hicks, R.S., see J. Lichtenstadt 219 (1989) 394
Hicks, R.S., see R.C. Walker 224 (1989) 353
Hida, T., see S. Albeverio 217 (1989) 511
Higashi, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Higashi, Y., see A. Bacala 218 (1989) 112
Higashi, Y., see T. Mori 218 (1989) 499
Higashi, Y., see S.K. Kim 223 (1989) 476
Higashi, Y., see E.H. Low 228 (1989) 548

Higon, E., see S. Barlag 218 (1989) 374
Higuchi, M., see K. Abe 213 (1988) 400
Higuchi, M., see T. Kitagaki 214 (1988) 281
Hilger, E., see W. Braunschweig 214 (1988) 286
Hill, B.R., Angular distribution of hadrons in two-jet events 214 (1988) 157
Hill, C.T., see B. Grinstein 220 (1989) 520
Hill, D., see N. Akchurin 229 (1989) 299
Hill, J.C., see H. Mach 230 (1989) 21
Hill, P., see S. Bethke 213 (1988) 235
Hill, V.J., see Ph. Boucaud 220 (1989) 219
Hill, V.J., see M. Crisafulli 223 (1989) 90
Himel, T., see A. Snyder 229 (1989) 169
Hindmarsh, M., Superconducting cosmic strings in grand unified models 225 (1989) 127
Hinnefeld, J.D., see J. Wilczynski 220 (1989) 497
Hioki, Z., Heavy fermion corrections to Higgs couplings revisited 224 (1989) 417
Hioki, Z., Heavy fermion corrections to Higgs couplings revisited, Phys. Lett. B 224 (1989) 417. Erratum 228 (1989) 560
Hirabayashi, Y., S. Okabe and Y. Sakuragi, Projectile breakup effect in elastic scattering of ^{9}Be 221 (1989) 227
Hiramatsu, S., see C. Ohmori 230 (1989) 27
Hirasawa, S., M. Kadoya and T. Miyazaki, Angular distribution of dilepton and photon pairs from quark–gluon and hadron phases 218 (1989) 263
Hirata, K., B. Zotter and K. Oide, Synchrotron-radiation limit of the luminosity in TeV linear colliders 224 (1989) 437
Hirata, K.S., T. Kajita, T. Kifune, K. Kihara, M. Nakahata, K. Nakamura, S. Ohara, Y. Oyama, N. Sato, M. Takita, Y. Totsuka, Y. Yaginuma, M. Mori, A. Suzuki, K. Takahashi, T. Tanimori, M. Yamada, M. Koshiba, T. Suda, K. Miyano, H. Miyata, H. Takei, K. Kaneyuki, Y. Nagashima, Y. Suzuki, E.W. Beier, L.R. Feldscher, E.D. Frank, W. Frati, S.B. Kim, A.K. Mann, F.M. Newcomer, R. Van Berg and W. Zhang, Experimental limits on nucleon lifetime for lepton + meson decay modes 220 (1989) 308
Hirose, T., see K. Abe 213 (1988) 400
Hitlin, D.G., see J. Adler 227 (1989) 501
Hjorth-Jensen, M. and E. Osnes, Effective interactions through third order for mass-18 nuclei with the Paris potential 228 (1989) 281
Hlousek, Z. and D. Spector, Scattering amplitudes in p-adic string theory 214 (1988) 19
Ho, Y.H., see A. Bacala 218 (1989) 112
Ho, Y.H., see T. Mori 218 (1989) 499
Ho, Y.H., see S.K. Kim 223 (1989) 476
Ho, Y.H., see E.H. Low 228 (1989) 548
Hoblit, S.D., see D.S. Dale 214 (1988) 329
Hochberg, D., see S.M. Barr 211 (1988) 49
Hodges, A.P., R. Penrose and M.A. Singer, A twistor conformal field theory for four space–time dimensions 216 (1989) 48
Høegh-Krohn, R., see S. Albeverio 222 (1989) 263
Hoek, J., Optimized blocking transformations for SU(3) gauge theory 217 (1989) 515
Hoek, J., Finite volume topology in SU(3) lattice gauge theory 219 (1989) 92
Hoffart, A., see G. Backenstoss 222 (1989) 7

Höflich, P., see R. Cowsik 218 (1989) 91
Hofmann, A., see P.D. Barnes 229 (1989) 432
Hofmann, H., R. Samhammer and S. Yamaji, Nuclear collective motion: markovian or not? 229 (1989) 309
Hofmann, U. and P. Ring, A new method to calculate magnetic moments in relativistic mean field theories 214 (1988) 307
Hofmann, W., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Hofstadter, R., see S. Keh 212 (1988) 123
Hofstadter, R., see H. Janssen 228 (1989) 273
Høgaasen, H. and F. Myhrer, The spin content of the proton in the chiral bag 214 (1988) 123
Hogenbirk, A., H.P. Blok, F.A. Jansen and J.J.A. Zalmstra, Double folding analysis of elastic and inelastic alpha scattering from ^{36}S using the *JLM* effective nucleon–nucleon interaction 223 (1989) 282
Höistad, B., see G.S. Adams 219 (1989) 399
Hojman, D., see A.J. Kreiner 215 (1988) 629
Hojyo, Y., see K. Abe 213 (1988) 400
Ho-Kim, Q. and H.B. Zheng, Twisted conformal field theories with Z_3 invariance 212 (1988) 71
Ho-Kim, Q. and H.B. Zheng, Twisted structures of extended Virasoro algebras 223 (1989) 57
Holden, H., see S. Albeverio 222 (1989) 263
Holder, M., see W. Braunschweig 214 (1988) 286
Holder, M., see G.D. Barr 214 (1988) 303
Holdom, B., Raising condensates beyond the ladder 213 (1988) 365
Holdom, B., Isospin breaking and quark masses in technicolor 226 (1989) 137
Hollander, R.W., see G. Kernel 216 (1989) 244; 225 (1989) 198
Hollebeek, R.J., see A. Snyder 229 (1989) 169
Höller, J., see I. Hamamoto 226 (1989) 17; 229 (1989) 439
Hollik, W., see M. Consoli 227 (1989) 167
Hollowood, T.J. and P. Mansfield, Rational conformal field theories at, and away from, criticality as Toda field theories 226 (1989) 73
Holman, R. and D.B. Reiss, Global cosmic strings, Nambu–Goldstone bosons and their contraints on unification 215 (1988) 256
Holman, R. and S. Sen, Tori from spheres. An application of the string operator formalism 221 (1989) 269
Holme, A.K., see E.F. Staubo 229 (1989) 351
Hölscher, A., see T. Åkesson 214 (1988) 295
Hölscher, A., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Holt, J.A., see C. Ohmori 230 (1989) 27
Holthuizen, D.J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Holzer, B., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162
Holzmann, R., see W.R. Phillips 212 (1988) 402
Holzmann, R., see H. Emling 217 (1989) 33
Holzwarth, G., see H. Yabu 224 (1989) 25
Homma, Y., see K. Abe 213 (1988) 400
Hontebeyrie, M., see B. Bonnier 226 (1989) 361
Hoogeveen, F. and L. Stodolsky, Signs of a high q^2 "electric dipole moment" 212 (1988) 505
Hoppe, J., $Diff_4T^2$ and the curvature of some infinite dimensional manifolds 215 (1988) 706
Hořejší, J., J. Novotný and O.I. Zavialov, Dimensional regularization of the VVA triangle graph as a continuous superposition of Pauli–Villars regularizations 213 (1988) 173
Hori, T., The universe as a relativistic ball 222 (1989) 188

Horikawa, N., see C. Ohmori 230 (1989) 27
Hornfeck, K., see P. Di Vecchia 211 (1988) 301
Horowitz, A.M., Critical exponents and continuum limit of the chiral transition in the U(1) Higgs model 219 (1989) 329
Horowitz, C.J., Collective modes in a relativistic electron gas. A source for ≈ 300 keV electron lines? 219 (1989) 210
Horowitz, G.T., S.P. Martin and R.C. Myers, Remarks on superconformal bosonization 215 (1988) 291
Horowitz, G.T., R.C. Myers and S.P. Martin, BRST cohomology of the superstring at arbitrary ghost number 218 (1989) 309
Hortaçsu, M. and J. Kalaycı, Propagators in higher dimensional scale invariant gauge theories 221 (1989) 319
Horvat, R., K. Pisk and B.A. Logan, Positron annihilation and nuclear excitation 214 (1988) 490
Horváth, I., P. Lichard, R. Lietava, A. Nogová and J. Pišút, On the time dependence of J/ψ suppression by the quark–gluon plasma 214 (1988) 237
Horvath, J.E. and O.G. Benvenuto, On the stability of slow neutron combustion in astrophysical objects 213 (1988) 516
Horváth, Z. and L. Palla, "Twisted" strings and higher level Kač–Moody representations 229 (1989) 368
Horwitz, N., see P. Avery 223 (1989) 470
Horwitz, N., see R. Fulton 224 (1989) 445
Horwitz, N., see W.-Y. Chen 226 (1989) 192
Horwitz, N., see M.S. Alam 226 (1989) 401
Hošek, J., Dielectric picture of confinement 226 (1989) 377
Hoshi, Y., see K. Abe 213 (1988) 400
Hoshi, Y., see T. Kitagaki 214 (1988) 281
Hoshino, K., see S. Aoki 224 (1989) 441
Hoshino, Y. and T. Matsuyama, Dynamical parity violation in QED_3 with a two-component massless fermion 222 (1989) 493
Hosono, K., see R. De Leo 226 (1989) 5
Hosotani, Y., see J.E. Hetrick 230 (1989) 88
Hosoya, A. and W. Ogura, Wormhole instanton solution in the Einstein–Yang–Mills system 225 (1989) 117
Hostachy, J.Y., see C. Bérat 218 (1989) 299
Hotchkis, M.A.C., see S.J. Freeman 222 (1989) 347
Hou, B.-Y., D.-P. Lie and R.-H. Yue, Quantum group structure in the unitary minimal model 229 (1989) 45
Hou, W.-S. and R.G. Stuart, Flavour changing decays of the Z^0 boson to massive quarks in the 2 Higgs doublet model 226 (1989) 122
Howard, B., see G. Reifenröther 214 (1988) 325
Howard, B., see M. Doser 215 (1988) 792
Howard, B., see B. May 225 (1989) 450
Howard, R., see G. Reifenröther 214 (1988) 325
Howard, R., see M. Doser 215 (1988) 792
Howard, R., see B. May 225 (1989) 450
Howe, D., see P. Fallon 218 (1989) 137
Howe, P., S. Penati, M. Pernici and P. Townsend, Wave equations for arbitrary spin from quantization of the extended supersymmetric spinning particle 215 (1988) 555
Howe, P.S. and P.C. West, Multicritical points in two dimensions, the renormalization group and the ϵ expansion 223 (1989) 371
Howe, P.S. and P.C. West, $N=2$ superconformal models, Landau–Ginsburg hamiltonians and the ϵ expansion 223 (1989) 377

Howe, P.S., see S.J. Gates Jr. 227 (1989) 49
Howe, P.S. and P.C. West, Chiral correlators in Landau–Ginsburg theories and $N=2$ superconformal models 227 (1989) 397
Howell, B., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Hoyler, F., see H.G. Börner 215 (1988) 45
HPW Collaboration, see T.J. Phillips 224 (1989) 348
Hrubec, J., see E. Andersen 220 (1989) 328
Hu, K.P., see E.H. Low 228 (1989) 548
Huang, C.-S. and Z.-Y. Zhao, Krichever–Novikov algebras and string theories on group manifolds 220 (1989) 87
Hübel, H., see E.M. Beck 215 (1988) 624
Hübel, H., see A.P. Byrne 217 (1989) 38
Hübel, H., see K. Schiffer 219 (1989) 52
Huber, G.M., see Z. Papandreou 227 (1989) 25
Hübsch, T., see S.J. Gates Jr. 226 (1989) 100
Huchler, S., see W. Koenig 218 (1989) 12
Huck, A., see P. Baumann 228 (1989) 458
Hueffmann, A., Classical stability and semiclassical ground state of a nonmoving, rigid glue loop 215 (1988) 573
Huerta, L. and M. Ruiz-Altaba, Boson–fermion transmutation in $(2+1)$ dimensions 216 (1989) 371
Hüffel, H., P.V. Landshoff and J.C. Taylor, Wilson loop exponentiation and temporal gauges 217 (1989) 147
Hüffel, H., Stochastic temperature and the Nicolai map 223 (1989) 77
Hüfner, J., see V. Girija 212 (1988) 501
Hüfner, J., Y. Kurihara and H.J. Pirner, Gluon multiple scattering and the transverse momentum dependence of J/ψ production in nucleus–nucleus collisions 215 (1988) 218
Hüfner, J. and B. Povh, The logarithmic rise with energy of hadron–proton total cross sections and slope parameters 215 (1988) 772
Hugentobler, E., see R. Ansari 215 (1988) 175
Hughes, D.I., see P.D. D'Eath 214 (1988) 498
Hughes, G., see S. Bethke 213 (1988) 235
Hughes, J., see D.S. Dale 214 (1988) 329
Hughes, R.J., M.M. Nieto and T. Goldman, An Eötvös versus a Galileo experiment: a study in two- versus three-dimensional physics 212 (1988) 18
Hughes, R.J., see M.M. Nieto 228 (1989) 448
Hughes, V.W., V. Papavassiliou, R. Piegaia, K.P. Schüler and G. Baum, The integral of the spin-dependent structure function g_1^p and the Ellis–Jaffe sum rule 212 (1988) 511
Hughes-Jones, R.E., see J.F. Bak 213 (1988) 242
Hull, C.M., Chiral conformal field theory and asymmetric string compactification 212 (1988) 437
Hull, C.M., see M.B. Green 225 (1989) 57; 229 (1989) 215
Hull, C.M., see S.J. Gates Jr. 227 (1989) 49
Hulth, P.O., see J. Guy 229 (1989) 421
Hultschig, H., see W. Braunschweig 214 (1988) 286
Humbert, F., see K.-G. Dietrich 220 (1989) 351
Humphrey, D., see P. Weber 230 (1989) 31
Hurst, R.B., see H.R. Band 218 (1989) 369
Huss, D., see E. Andersen 220 (1989) 328
Hussain, F., G. Thompson and P.D. Jarvis, Massive and massless gauge fields of any spin and symmetry 216 (1989) 139

Hussein, A.H., see R. Abegg 218 (1989) 436
Huszár, I., see E. Lorenz 214 (1988) 10
Hutcheon, D.A., see R. Abegg 218 (1989) 436
Hutchinson, D., see A. Snyder 229 (1989) 169
Hüttmeier, U.J., see E.F. Moore 211 (1988) 14
Huyse, M., see P. Dendooven 226 (1989) 27
Hwang, H.Y., see J.K. Hwang 218 (1989) 395
Hwang, J.K., H.Y. Hwang and W.M. Chung, The E2/M1 mixing ratios in the O(6) limit of IBA-I 218 (1989) 395
Hylen, J., see A. Snyder 229 (1989) 169

Iachello, F., see F. Dellagiacoma 218 (1989) 399
Iacopini, E., see R. Ansari 215 (1988) 175
Iacovacci, M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Ibáñez, L.E., see A. Font 213 (1988) 274, 564; 217 (1989) 272; 224 (1989) 79; 227 (1989) 34; 228 (1989) 79
Ichinose, H., see T. Mori 218 (1989) 499
Ichinose, H., see S.K. Kim 223 (1989) 476
Iconomidou-Fayard, L., see G.D. Barr 214 (1988) 303
Iconomidou-Fayard, L., see R. Ansari 215 (1988) 175
Iddir, F., see E. Golowich 213 (1988) 521
Iengo, R., G.M. Sotkov and C.-J. Zhu, Two-loop vacuum amplitude in four-dimensional heterotic string models 211 (1988) 425
Iengo, R. and C.-J. Zhu, Notes on the non-renormalization theorem in superstring theories 212 (1988) 309
Iengo, R. and C.-J. Zhu, Two-loop computation of the four-particle amplitude in heterotic string theory 212 (1988) 313
Iengo, R., see M. Bonini 219 (1989) 427
Igarashi, S., see A. Bacala 218 (1989) 112
Igarashi, S., see T. Mori 218 (1989) 499
Igarashi, S., see S.K. Kim 223 (1989) 476
Igarashi, Y., A. Kobayashi, H. Otsu and S. Sawada, Parity-violating chiral solitons with vector mesons 214 (1988) 445
Igarashi, Y. and J. Kubo, Weyl degree of freedom in the Nambu–Goto string 217 (1989) 55
Igarashi, Y., H. Imai, S. Kitakado and H. So, Hamiltonian BRST quantization of topological field theories 227 (1989) 239
Igi, K. and P. Kroll, The asymptotic behaviour of the ($\bar{p}p$–pp) forward amplitude 218 (1989) 95
Ignatiev, A.Yu., see T.M. Aliev 221 (1989) 77
Ignatiev, A.Yu., see M.I. Dobroliubov 221 (1989) 333; 229 (1989) 418
Ignatius, R.P., V.C. Kuriakose and K. Babu Joseph, Gaussian effective potential for the Liouville model 220 (1989) 181
Igo, G., see G. Pauletta 211 (1988) 19
Igo, G., see G. Roche 226 (1989) 228
Ihara, R., see S. Aoki 224 (1989) 441
Iida, N., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ikeda, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ikeda, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Ikegami, Y., see K. Abe 213 (1988) 400
Ilgenfritz, E.-M., see F.-M. Dittes 229 (1989) 89
Iliopoulos, J., see E.G. Floratos 217 (1989) 285
Ille, B., see C. Baglin 225 (1989) 296
Ilnicki, J., see K. Grotowski 223 (1989) 287
Ilyin, S.V., A.D. Panferov and Yu.M. Sinyukov, The viscosity coefficient in temperature gauge theories. QCD plasma 227 (1989) 455
Ilyin, V.A., see K.G. Chetyrkin 225 (1989) 411
Imada, M., see S. Aoki 224 (1989) 441
Imai, H., see Y. Igarashi 227 (1989) 239
Imai, K., see N. Akchurin 229 (1989) 299

Imanishi, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Imbo, T.D., see E.C.G. Sudarshan 213 (1988) 471
Imlay, R., see A. Bacala 218 (1989) 112
Imlay, R., see T. Mori 218 (1989) 499
Imlay, R., see S.K. Kim 223 (1989) 476
Imlay, R., see E.H. Low 228 (1989) 548
Inagaki, T., see K. Fujikawa 213 (1988) 279
Inami, T., Y. Matsuo and I. Yamanaka, Extended conformal algebras with $N=1$ supersymmetry 215 (1988) 701
Ingelman, G., see R. Bonino 211 (1988) 239
Ingelman, G., see J.J. Aubert 218 (1989) 248
Innes, W.R., see A. Snyder 229 (1989) 169
Innocente, V., A. Capella and J. Tran Thanh Van, Minijets and the real part of the elastic amplitudes 213 (1988) 81
Inyakin, A.V., see D. Alde 216 (1989) 447, 451
Ioffe, B.L., see A.S. Gorsky 227 (1989) 474
Iori, M., see H. Cobbaert 213 (1988) 395
Iqbal, M.J., see J.A. Niskanen 218 (1989) 272
Irbäck, A., A random surface representation of Wilson loops in Z(2) gauge theory 211 (1988) 129
Irbäck, A., F. Karsch, B. Petersson and H.W. Wyld, Lattice QCD with small number of flavours 216 (1989) 177
Irion, J., see S. Keh 212 (1988) 123
Irion, J., see H. Janssen 228 (1989) 273
Iseri, Y., see M. Tanifuji 217 (1989) 375
Isgur, N. and C.H. Llewellyn Smith, Perturbative QCD in exclusive processes 217 (1989) 535
Ishi, Y., see A. Bacala 218 (1989) 112
Ishi, Y., see T. Mori 218 (1989) 499
Ishi, Y., see S.K. Kim 223 (1989) 476
Ishi, Y., see E.H. Low 228 (1989) 548
Ishida, Y., see C. Ohmori 230 (1989) 27
Ishigami, T., see S. Aoki 224 (1989) 441
Ishihara, N., see K. Abe 213 (1988) 400
Ishii, C., K. Saito and F. Takagi, Nuclear effects in the semi-inclusive cross section of high energy neutrino–nucleus interactions 216 (1989) 409
Ishii, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ishimoto, S., see G. Pauletta 211 (1988) 19
Ishimoto, S., see C. Ohmori 230 (1989) 27
Ishizuka, T., see A. Bacala 218 (1989) 112
Ishizuka, T., see T. Mori 218 (1989) 499
Ishizuka, T., see S.K. Kim 223 (1989) 476
Ishizuka, T., see E.H. Low 228 (1989) 548
ISOCELE Collaboration, see H.T. Duong 217 (1989) 401
ISOLDE Collaboration, see W. Borchers 216 (1989) 7
Ito, K., Tachyons in $N=2$ superconformal models and topological instability of the defining polynomial of Calabi–Yau manifolds 226 (1989) 264
Ito, K., Milnor monodromy of singularities and chiral primary fields of $N=2$ superconformal field theories 229 (1989) 379

Ito, K., Coulomb gas formalism for $N=2$ superconformal field theory 230 (1989) 71
Itoh, H., see A. Bacala 218 (1989) 112
Itoh, H., see T. Mori 218 (1989) 499
Itoh, H., see S.K. Kim 223 (1989) 476
Itoh, H., see E.H. Low 228 (1989) 548
Itoh, R., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Itoi, C., Extrinsic torsion in rigid strings 211 (1988) 146
Ivanov, A.N., M. Nagy, N.I. Troitskaya and M.K. Volkov, The semileptonic decay $K^+ \to \pi^+ \pi^- e^+ \nu_e$ in the quark model of superconductivity type 227 (1989) 275
Ivanov, E., S. Krivonos and V. Leviant, Quantum $N=3$, 4 superconformal WZW sigma models 215 (1988) 689
Ivanov, E., S. Krivonos and V. Leviant, Quantum $N=3$, 4 superconformal WZW sigma models, Phys. Lett. B 215 (1988) 689. Erratum 221 (1989) 432
Ivanov, S.V., Renormalization and spectral representation in noncovariant gauges 217 (1989) 296
Ivanov, S.V., Renormalization and spectral representation in noncovariant gauges, Phys. Lett. B 217 (1989) 296. Erratum 223 (1989) 497
Ivaşcu, M., see D. Bucurescu 229 (1989) 321
Iwamoto, A. and N. Takigawa, Anomalous enhancement of the subbarrier fusion cross section by cooperative shell and deformation effects 219 (1989) 176
Iwamoto, A., see T. Kindo 225 (1989) 203
Iwasaki, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Iwasaki, J., see J. Greensite 223 (1989) 207
Iwasaki, Y. and T. Yoshié, Hadron spectrum in quenched lattice QCD and quark potential models 216 (1989) 387
Iwasaki, Y., Y. Tsuboi and T. Yoshié, Chiral symmetry of Wilson fermions at finite temperature 220 (1989) 602
Iwasaki, Y. and Y. Tsuboi, Finite temperature phase transition with dynamical Wilson fermions 222 (1989) 269
Iwashiro, K., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Iwata, S., see D. Aston 215 (1988) 199, 799
Iwata, S., see I. Adachi 218 (1989) 105
Iwata, T., see C. Ohmori 230 (1989) 27
Iwatani, K., see G. Pauletta 211 (1988) 19
Iwatani, K., see C. Ohmori 230 (1989) 27
Iwazaki, A. and S. Kumano, Oscillations of the polarized vacuum around a large-Z "nucleus" 212 (1988) 99
Iwazaki, A., Suppression of large wormholes 229 (1989) 211
Iwe, H. and E. Okonov, Can the cascade model explain the isotropic features of Λ particle production in central collisions of light nuclei? 215 (1988) 465
Izen, J.M., see J. Adler 227 (1989) 501
Iżycki, M., see G. Backenstoss 222 (1989) 7

Jacak, B., see T. Åkesson 214 (1988) 295
Jacholkowska, A., see M. Arneodo 211 (1988) 493
Jacholkowski, A., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Jack, I., D.R.T. Jones and N. Mohammedi, The four-loop metric β-function for the bosonic σ-model 220 (1989) 171
Jack, I. and D.R.T. Jones, The vanishing of the dilaton β-function for the $N=2$ supersymmetric σ-model 220 (1989) 176
Jackson, H.E., see A. Magnon 222 (1989) 352
Jackson, J.D., Simple derivation of the energy-dependent effective strength of gravitational interaction in small-angle scattering 215 (1988) 151
Jackson, J.D., G.G. Ross and R.G. Roberts, Polarised structure functions in the parton model 226 (1989) 159
Jackson, K.P., see D. Frekers 218 (1989) 439
Jackson, K.P., see M.A. Moinester 230 (1989) 41
Jacob, M. and T.T. Wu, Beamstrahlung in high energy electron–positron linear colliders with non-uniform bunches 216 (1989) 442
Jacob, M. and T.T. Wu, Pair production in bunch crossing 221 (1989) 203
Jacobi, B., see Ch. Berger 227 (1989) 489
Jacobsen, T., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Jacobson, T., Bosonic path integral for spin-particles 216 (1989) 150
Jacquot, J.L., Massless QCD and chiral symmetry breaking 212 (1988) 231
Jacquot, J.L., see E. Andersen 220 (1989) 328
Jadach, S. and Z. Wąs, Suppression of QED interference contributions to the charge asymmetry at the Z^0 resonance 219 (1989) 103
Jadach, S. and B.F.L. Ward, New approach to $SU_{2L} \times U_1$ radiative corrections in e^+e^- annihilation processes near the Z^0 resonance 220 (1989) 611
JADE Collaboration, see S. Bethke 213 (1988) 235
Jaenicke, J., P. Schuck and R.W. Hasse, The missing charge problem in the longitudinal response and the importance of two-particle – two-hole states 214 (1988) 1
Jaffe, R.L. and A.V. Manohar, Nuclear gluonometry 223 (1989) 218
Jaffe, R.L., Stranger than fiction: the strangeness radius and magnetic moment of the nucleon 229 (1989) 275
Jaffré, M., see M. Arneodo 211 (1988) 493
Jaffre, M., see A. Snyder 229 (1989) 169
Jain, A.K., see R.K. Sheline 219 (1989) 47
Jain, K., see R.K. Sheline 219 (1989) 47
Jain, P.L., see K. Sengupta 213 (1988) 548; 222 (1989) 301
Jain, P.L., see G. Singh 214 (1988) 480
Jain, S., see N. Deo 220 (1989) 125
Jain, S. and A. Jevicki, String field theory from Weyl invariance 220 (1989) 379
Jakobs, K., see R. Ansari 215 (1988) 175
Jakobsson, B., see M.I. Adamovich 223 (1989) 262
Jakubowski, Z., see S. Keh 212 (1988) 123
Jakubowski, Z., see H. Janssen 228 (1989) 273
Jaloyan, V.M., see S.R. Gevorkyan 212 (1988) 254
Jamin, M., see H.G. Dosch 220 (1989) 251
Jaminon, M., G. Ripka and P. Stassart, The current quark mass and the regularisation of the Nambu–Jona-Lasinio action 227 (1989) 191

Jammes, L., G. Audit, A. Bloch, N. de Botton, N. D'Hose, J. Martin, C. Schuhl, G. Tamas, P. Argan and P. Pedroni, Total cross section measurement of π^0 photoproduction near threshold on complex nuclei 227 (1989) 21
Jammes, L., see G. Audit 227 (1989) 331
Jamnik, D., see A.C. Benvenuti 223 (1989) 485, 490
Janata, F., see M. Arneodo 211 (1988) 493
Jancso, G., see M. Arneodo 211 (1988) 493
Jank, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Janke, W., H. Kleinert and M. Meinhart, Monte Carlo study of a stack of self-avoiding surfaces with extrinsic curvature stiffness 217 (1989) 525
Janot, P., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Janot, P., First-order QED and QCD radiative corrections to Higgs decay into massive fermions 223 (1989) 110
Jans, E., see G.J. Kramer 227 (1989) 199
Jänsch, H.J., see H. Leucker 223 (1989) 277
Jansen, F.A., see A. Hogenbirk 223 (1989) 282
Jansen, K., J. Jersák, I. Montvay, G. Münster, T. Trappenberg and U. Wolff, Vacuum tunneling in the four-dimensional Ising model 213 (1988) 203
Janssen, H., see S. Keh 212 (1988) 123
Janssen, H., D. Antreasyan, H.W. Bartels, D. Besset, Ch. Bieler, J.K. Bienlein, A. Bizzeti, E.D. Bloom, I. Brock, K. Brockmüller, R. Cabenda, A. Cartacci, M. Cavalli-Sforza, R. Clare, A. Compagnucci, G. Conforto, S. Cooper, R. Cowan, D. Coyne, A. Engler, K. Fairfield, G. Folger, A. Fridman, J. Gaiser, D. Gelphman, G. Glaser, G. Godfrey, K. Graaf, F.H. Heimlich, F.H. Heinsius, R. Hofstadter, J. Irion, Z. Jakubowski, K. Karch, S. Keh, T. Kiel, H. Kilian, I. Kirkbride, T. Kloiber, M. Kobel, W. Koch, A.C. König, K. Königsmann, R.W. Krämer, S. Krüger, G. Landi, R. Lee, S. Leffler, R. Lekebusch, A.M. Litke, W. Lockman, S. Lowe, B. Lurz, D. Marlow, H. Marsiske, W. Maschmann, P. McBride, H. Meyer, B. Muryn, F. Messing, W.J. Metzger, B. Monteleoni, R. Nernst, B. Niczyporuk, G. Nowak, C. Peck, P.G. Pelfer, B. Pollock, F.C. Porter, D. Prindle, P. Ratoff, M. Reidenbach, B. Renger, C. Rippich, M. Scheer, P. Schmitt, J. Schotanus, J. Schütte, A. Schwarz, D. Sievers, T. Skwarnicki, V. Stock, K. Strauch, U. Strohbusch, J. Tompkins, H.J. Trost, B. van Uitert, R.T. Van de Walle, H. Vogel, A. Voigt, U. Volland, K. Wachs, K. Wacker, W. Walk, H. Wegener, D.A. Williams and P. Zschorsch, The Michel parameter for the decay $\tau \to e\nu\bar{\nu}$ 228 (1989) 273
Janssens, R.V.F., see W.R. Phillips 212 (1988) 402
Janssens, R.V.F., see H. Emling 217 (1989) 33
Jarlskog, G., see T. Åkesson 214 (1988) 295
Jaros, J.A., see A. Snyder 229 (1989) 169
Jarvis, P.D. and R.B. Zhang, Unitary Sugawara constructions for affine superalgebras 215 (1988) 695
Jarvis, P.D., see F. Hussain 216 (1989) 139
Jarvis, P.D. and R.B. Zhang, Extended algebras at $c=1$, coset models and the fusion rules 225 (1989) 112
Jaskólski, Z., M. Klimek and L. Rytel, The relation between the Polyakov and the Fradkin–Vilkoviski path integrals for the bosonic string, Phys. Lett. B 208 (1988) 427. Erratum 214 (1988) 661
Jatkar, D.P. and S. Rao, Vortices in Higgs models with and without Chern–Simons terms 229 (1989) 67
Jawahery, A., see P. Avery 223 (1989) 470
Jawahery, A., see R. Fulton 224 (1989) 445
Jawahery, A., see W.-Y. Chen 226 (1989) 192

Jawahery, A., see M.S. Alam 226 (1989) 401
Jeanjean, J., see G. Reifenröther 214 (1988) 325
Jeanjean, J., see M. Doser 215 (1988) 792
Jeanjean, J., see B. May 225 (1989) 450
Jean-Marie, B., see A. Antonelli 212 (1988) 133
Jean-Marie, B., see M.H. Tixier 212 (1988) 523
Jean-Marie, B., see D. Bisello 220 (1989) 321
Jeanneret, J.B., see R.E. Breedon 216 (1989) 459
Jędrzejczak, M., Factorial moments – a new test of hadronization models 228 (1989) 259
Jegerlehner, F., see M. Consoli 227 (1989) 167
Jelitto, H., see K. Grotowski 223 (1989) 287
Jenni, P., see R. Ansari 215 (1988) 175
Jensen, T., see P. Avery 223 (1989) 470
Jensen, T., see R. Fulton 224 (1989) 445
Jensen, T., see W.-Y. Chen 226 (1989) 192
Jensen, T., see M.S. Alam 226 (1989) 401
Jeon, B.K., T. Sato and H. Ohtsubo, Coherent π^0 electroproduction on the deuteron at threshold 228 (1989) 304
Jeong, S.C., see K. Hagel 229 (1989) 20
Jeppesen, R.G., see M.A. Moinester 230 (1989) 41
Jersák, J., see K. Jansen 213 (1988) 203
Jetzer, Ph., see M. Drees 220 (1989) 586
Jetzer, Ph., Stability of excited bosonic stellar configurations 222 (1989) 447
Jetzer, Ph. and J.J. van der Bij, Charged boson stars 227 (1989) 341
Jevicki, A., see S. Jain 220 (1989) 379
Ji, X., Effects of vacuum polarization on quasi-elastic electron scattering 219 (1989) 143
Ji, X., see J. Engel 225 (1989) 5
Jiang, M.F., S.D. Yang and T.T.S. Kuo, Particle–particle hole–hole ring diagrams and softening of the nuclear matter equation of state 223 (1989) 5
Jiang, X.-D. and X.-J. Zhou, Finite $N=1$ supersymmetric theories of classical groups 216 (1989) 160
Jimack, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Jin, G.M., see K. Hagel 229 (1989) 20
Jocksch, A., see W. Braunschweig 214 (1988) 286
Johansson, J.I., see J. Raynal 218 (1989) 403
Johansson, J.K., see P. Taras 222 (1989) 357
Johansson, S., see T. Åkesson 214 (1988) 295
Johansson, T., see P.D. Barnes 229 (1989) 432
Johnson, A., see R. Wyss 215 (1988) 211
Johnson, A., see W. Nazarewicz 225 (1989) 208
Johnson, A.S., see M. Arneodo 211 (1988) 493
Johnson, D.R., see P. Avery 223 (1989) 470
Johnson, D.R., see R. Fulton 224 (1989) 445
Johnson, D.R., see W.-Y. Chen 226 (1989) 192
Johnson, D.R., see M.S. Alam 226 (1989) 401
Johnson, J.R., see H.R. Band 218 (1989) 369
Johnson, K., see D. Ashery 215 (1988) 41
Johnson, R.R., see P. Weber 230 (1989) 31

Johnson, W.B., see D. Aston 215 (1988) 199, 799
Jolicoeur, Th. and J.C. Niel, Magnetic susceptibility of the O(N) non-linear sigma model 215 (1988) 735
Jolie, J., see H.G. Börner 215 (1988) 45
Jolie, J., see K.P. Lieb 215 (1988) 50
Jolie, J., see J. Copnel 222 (1989) 1
Jona-Lasinio, G. and C. Parrinello, On the stochastic quantization of gauge theories 213 (1988) 466
Jones, D.R.T., see I. Jack 220 (1989) 171, 176
Jones, G., see Z. Papandreou 227 (1989) 25
Jones, G.T., see J. Guy 229 (1989) 421
Jones, K., see G. Pauletta 211 (1988) 19
Jones, K., see G.S. Adams 219 (1989) 399
Jones, P.G., see E. Andersen 220 (1989) 328
Jones, S.T., see Z.-H. Lin 217 (1989) 71
Jönsson, L., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Jonsson, T., A lower bound on the size of crystalline surfaces 221 (1989) 35
Joos, P., see W. Braunschweig 214 (1988) 286
Jorat, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Joseph, C., see R.E. Breedon 216 (1989) 459
Joshi, G.C., see R. Foot 212 (1988) 67; 217 (1989) 301; 226 (1989) 318
Joshi, G.C., see R.R. Volkas 215 (1988) 133
Joshi, G.C., see X.-G. He 222 (1989) 86
Jost, B., see J.F. Crawford 213 (1988) 391
Jouan, D., see M.F. Rivet 215 (1988) 55
Jourdan, J., see R.C. Walker 224 (1989) 353
Journé, V., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Jousset, J., see A. Antonelli 212 (1988) 133
Jousset, J., see M.H. Tixier 212 (1988) 523
Jousset, J., see D. Bisello 220 (1989) 321
Jovanovich, J.V., see G. Kernel 216 (1989) 244; 225 (1989) 198
Joyce, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Jozefini, B., see F.-M. Dittes 229 (1989) 89
Judek, B., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Julien, J., see J.A. Pinston 218 (1989) 128
Julien, J., see D. Lebrun 223 (1989) 139
Jullian, S., see A. Antonelli 212 (1988) 133
Jullian, S., see D. Bisello 220 (1989) 321
Jullian, S., see Ch. Berger 227 (1989) 489
Jung, C., see S. Abachi 212 (1988) 533; 226 (1989) 405
Jung, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Juricic, I., see A. Snyder 229 (1989) 169
Jurkiewicz, J., A. Krzywicki, B. Petersson and B. Söderberg, Ising spins on a dynamically triangulated random surface 213 (1988) 511
Jurkiewicz, J., see Z. Burda 214 (1988) 425

Kabuss, E.M., see M. Arneodo 211 (1988) 493
Kachanov, V.A., see D. Alde 216 (1989) 447, 451
Kachroo, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kader, H., G. Graw, F.J. Eckle, G. Eckle, P. Schiemenz, P. Kleinheinz, B. Rubio, G. de Angelis, T.N. Massey, L.G. Mann and J. Blomqvist, Particle–octupole coupling in $N=83$ nuclei from neutron transfer studies with polarized deuterons 227 (1989) 325
Kado, H., see S. Bethke 213 (1988) 235
Kadoya, M., see S. Hirasawa 218 (1989) 263
Kadyk, J.A., see A. Snyder 229 (1989) 169
Kadyrov, F.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kagan, H., see A. Bacala 218 (1989) 112
Kagan, H., see T. Mori 218 (1989) 499
Kagan, H., see P. Avery 223 (1989) 470
Kagan, H., see S.K. Kim 223 (1989) 476
Kagan, H., see R. Fulton 224 (1989) 445
Kagan, H., see W.-Y. Chen 226 (1989) 192
Kagan, H., see M.S. Alam 226 (1989) 401
Kagan, H., see E.H. Low 228 (1989) 548
Kaganovich, A.B., Some properties of gravity induced by dynamical symmetry breaking 222 (1989) 364
Kaganovich, A.B., Some properties of gravity induced by dynamical symmetry breaking, Phys. Lett. B 222 (1989) 364. Erratum 229 (1989) 439
Kahana, D., Meson and baryon structure in the $U(N)\otimes U(N)$ symmetric Nambu–Jona-Lasinio model 229 (1989) 9
Kahane, J., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Kahn-Aronsen, E., see C. Baglin 225 (1989) 296
Kaidalov, A.B., see A.V. Dobrovolskaya 229 (1989) 293
Kaiser, R., see M. Arneodo 211 (1988) 493
Kaiser, R., see P. Altevogt 219 (1989) 464
Kaiser, R., see J.-P. Derendinger 220 (1989) 164
Kaiser, R., see U. Marquard 227 (1989) 234
Kajantie, K. and L. Kärkkäinen, Surface energy of the confined phase–nonconfined phase interface in QCD matter 214 (1988) 595
Kajantie, K., see K.J. Eskola 214 (1988) 613
Kajantie, K., L. Kärkkäinen and K. Rummukainen, Interface tension and structure at T_c in the Potts model 223 (1989) 213
Kajikawa, R., see D. Aston 215 (1988) 199, 799
Kajikawa, R., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kajino, F., see A. Bacala 218 (1989) 112
Kajino, F., see T. Mori 218 (1989) 499
Kajino, F., see S.K. Kim 223 (1989) 476
Kajino, F., see E.H. Low 228 (1989) 548
Kajino, T., see K. Sumiyoshi 225 (1989) 10
Kajita, T., see K.S. Hirata 220 (1989) 308
Kakas, A.C., see G.V. Dunne 211 (1988) 445
Kakas, A.C., Spin-4 extended conformal algebras 215 (1988) 343
Kalara, S., C. Kounnas and K.A. Olive, Gravitational equations of motion at the string scale 215 (1988) 265

Kalara, S. and K.A. Olive, Difficulties for field theoretical inflation in string models 218 (1989) 148
Kalara, S., see J. Ellis 228 (1989) 264
Kalashnikov, O.K., see I.L. Buchbinder 216 (1989) 127
Kalaycı, J., see M. Hortaçsu 221 (1989) 319
Kälbermann, G. and J.M. Eisenberg, A search for π^-nn bound states 211 (1988) 389
Kälbermann, G., see M.M. Sternheim 225 (1989) 27
Kalinovski, A., see T. Åkesson 214 (1988) 295
Kalinovsky, Yu.L., W. Kallies, K.R. Nasriddinov and N.A. Sarikov, Weak many-body decays of the Λ_c^+-baryon 211 (1988) 350
Kalinowski, J. and S. Pokorski, Higgs particle production at LEP in multi-doublet scenarios with hierarchy of the vacuum expectation values 219 (1989) 116
Kalinowsky, H., see G. Reifenröther 214 (1988) 325
Kalinowsky, H., see M. Doser 215 (1988) 792
Kalinowsky, H., see B. May 225 (1989) 450
Kalkanis, G., see T.J. Phillips 224 (1989) 348
Kalleicher, F., see G. Koch 218 (1989) 143
Kallianpur, K.J., Pair-production of Higgs bosons via heavy quark annihilation 215 (1988) 392
Kallies, H., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kallies, W., see Yu.L. Kalinovsky 211 (1988) 350
Kallosh, R.E. and M.A. Rahmanov, Gauge algebra and quantization of type II superstrings 211 (1988) 71
Kallosh, R.E., W. Troost and A. Van Proeyen, Quantization of superparticle and superstring with Siegel's modification 212 (1988) 428
Kallosh, R.E. and M.A. Rahmanov, Consistency of covariant quantization of the GS-string 214 (1988) 549
Kallosh, R.E., see E.A. Bergshoeff 223 (1989) 391
Kallosh, R.E., Super-Poincaré covariant quantized GS heterotic string as a free conformal theory 224 (1989) 273
Kallosh, R.E., Covariant quantization of type II A, B Green–Schwarz superstring 225 (1989) 49
Kalmus, P.I.P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kalyachkina, G.S., see M.I. Adamovich 227 (1989) 285
Kalyniak, P., M.K. Sundaresan and P.J.S. Watson, Probing the contribution of gluons to the proton spin 216 (1989) 397
Kalyniak, P., see G. Couture 218 (1989) 361
Kamae, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kamalov, S.S., see A.A. Chumbalov 213 (1988) 255; 217 (1989) 568
Kamchatnov, A.M., see V.G. Nosov 214 (1988) 601
Kameyama, H., see M. Tanifuji 217 (1989) 375
Kamimura, M., see M. Tanifuji 217 (1989) 375
Kamio, T., see K. Sumiyoshi 225 (1989) 10
Kamitani, T., see K. Abe 213 (1988) 400
Kamp, D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 230 (1989) 169
Kampert, K.-H., see R. Albrecht 221 (1989) 427
Kampert, K.H., see H.H. Gutbrod 216 (1989) 267
Kämpfer, B., see R. Schmidt 229 (1989) 197
Kanada, H., see T. Otofuji 229 (1989) 343
Kandaswamy, J., see P. Avery 223 (1989) 470
Kandaswamy, J., see R. Fulton 224 (1989) 445

Kandaswamy, J., see W.-Y. Chen 226 (1989) 192
Kandaswamy, J., see M.S. Alam 226 (1989) 401
Kandrup, H.E., Generating a thermal spectrum from nothing 215 (1988) 473
Kandrup, H.E., The spectrum of particles created during homogeneous tunneling 225 (1989) 222
Kanekal, S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422
Kanematsu, N., see K. Abe 213 (1988) 400
Kaneyuki, K., see K.S. Hirata 220 (1989) 308
Kang, J.S., see A. Bacala 218 (1989) 112
Kang, J.S., see T. Mori 218 (1989) 499
Kang, J.S., see S.K. Kim 223 (1989) 476
Kang, J.S., see E.H. Low 228 (1989) 548
Kanokov, Z., see A.E. Dorokhov 220 (1989) 14
Kantserov, A., see T. Åkesson 214 (1988) 295
Kanygina, E.K., see M.I. Adamovich 227 (1989) 285
Kanzaki, J., see K. Abe 213 (1988) 400
Kapetanakis, D., see K. Farakos 211 (1988) 322
Kapetanakis, D., see N.A. Batakis 220 (1989) 513
Kapetanakis, D., S. Theisen and G. Zoupanos, Families in the nonperturbative unification scheme 229 (1989) 248
Kapitza, H., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Kaplan, D.B., see A.G. Cohen 215 (1988) 67
Kaplan, D.B., see M.S. Turner 216 (1989) 20
Kaplan, M.S., J.X. Saladin, L. Faro, D.F. Winchell, H. Takai and C.N. Knott, Coexistence of superfluid and rigid moments of inertia in ^{76,78}Kr 215 (1988) 251
Kapoor, A.K., I. Ohba and S. Tanaka, BRST invariance for Yang–Mills theory in stochastic quantization 221 (1989) 125
Kapusta, F., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kapusta, J., see K. Haglin 224 (1989) 433
Karabali, D. and H.J. Schnitzer, A GKO construction based on a path integral formulation of gauged Wess–Zumino–Witten actions 216 (1989) 307
Karanikas, A.I. and C.N. Ktorides, An exact solution of a regularized Makeenko–Migdal equation in two dimensions for small Wilson loops 213 (1988) 181
Karavicheva, T.L., see M.B. Golubeva 221 (1989) 238
Karch, K., see S. Keh 212 (1988) 123
Karch, K., see H. Janssen 228 (1989) 273
Karchev, N.I., From the first to the second quantized string theory 212 (1988) 158
Karchin, P.E., see J.C. Anjos 223 (1989) 267
Karimäki, V., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kärkkäinen, L., see K. Kajantie 214 (1988) 595; 223 (1989) 213
Karle, W., see K.-H. Speidel 227 (1989) 16
Karle, W., see U. Reuter 230 (1989) 16
Karlen, D., see A. Snyder 229 (1989) 169
Karlhede, A. and M. Roček, Topological quantum field theory and $N=2$ conformal supergravity 212 (1988) 51
Karlhede, A., see J. Grundberg 218 (1989) 321

Karlhede, A. and M. Roček, Topological quantum field theories in arbitrary dimensions 224 (1989) 58
Karlhede, A., see T.H. Hansson 225 (1989) 92
Karliner, I., see J. Ellis 217 (1989) 363
Karliner, M., see J. Ellis 213 (1988) 73; 217 (1989) 173
Karlsson, L., see M.I. Adamovich 223 (1989) 262
Karpikhin, I.L., see Yu.G. Abov 217 (1989) 225
Karsch, F. and R. Petronzio, Transverse energy dependence of J/ψ suppression in heavy ion collisions 212 (1988) 255
Karsch, F. and H.W. Wyld, Screening of the QCD heavy quark potential at finite temperature 213 (1988) 505
Karsch, F., see A. Irbäck 216 (1989) 177
Karsch, F. and I.O. Stamatescu, QCD thermodynamics with light quarks. Quantum corrections to the fermionic anisotropy parameter 227 (1989) 153
Karshenboim, S.G., see V.Yu. Brook 216 (1989) 401
Karshenboim, S.G., see M.I. Eides 216 (1989) 405; 229 (1989) 285
Karshon, U., see W. Braunschweig 214 (1988) 286
Karwowski, H., see W. Skulski 218 (1989) 7
Kasagi, J., see K. Hagel 229 (1989) 20
Kasemann, M., see G.D. Barr 214 (1988) 303
Kashaev, R.M. and A.A. Osipov, The gauge fixing extension of the Krichever–Novikov algebra in the closed string theory 222 (1989) 391
Kashitani, A., see H. Ejiri 228 (1989) 24
Kashy, E., see D.A. Cebra 227 (1989) 336
Kass, R., see A. Bacala 218 (1989) 112
Kass, R., see T. Mori 218 (1989) 499
Kass, R., see P. Avery 223 (1989) 470
Kass, R., see S.K. Kim 223 (1989) 476
Kass, R., see R. Fulton 224 (1989) 445
Kass, R., see W.-Y. Chen 226 (1989) 192
Kass, R., see M.S. Alam 226 (1989) 401
Kass, R., see E.H. Low 228 (1989) 548
Kataev, A.L., see S.G. Gorishny 212 (1988) 238
Kataev, A.L. and M.D. Vardiashvili, Scheme dependence of the perturbative series for a physical quantity in the $g\varphi^4$-theory 221 (1989) 377
Katayama, I., see R. De Leo 226 (1989) 5
Katayama, J., see T. Kitagaki 214 (1988) 281
Katayama, N., see P. Avery 223 (1989) 470
Katayama, N., see R. Fulton 224 (1989) 445
Katayama, N., see W.-Y. Chen 226 (1989) 192
Katayama, N., see M.S. Alam 226 (1989) 401
Katkov, V.M., see V.N. Baier 225 (1989) 193; 229 (1989) 135
Kato, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kato, Y., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Katsuki, Y., Y. Kawamura, T. Kobayashi and N. Ohtsubo, Z_7 orbifold models 212 (1988) 339
Katsuki, Y., Y. Kawamura, T. Kobayashi, Y. Ono, K. Tanioka and N. Ohtsubo, Z_4 and Z_6 orbifold models 218 (1989) 169
Katsuki, Y., Y. Kawamura, T. Kobayashi, N. Ohtsubo, Y. Ono and K. Tanioka, Z_8 and Z_{12} orbifold models 227 (1989) 381

Katz, U., see J. Guy 229 (1989) 421
Katznelson, E., see H.G. Evertz 221 (1989) 143
Kaul, G.L., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kaur, M., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kawabata, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kawagoe, K., see S. Bethke 213 (1988) 235
Kawai, H., see Y.J. Ng 215 (1988) 287
Kawai, T., On the structure of fusion algebras 217 (1989) 247
Kawai, T., Singularity theory and the Z_N charge structure of $N=2$ superconformal field theory 229 (1989) 234
Kawamura, Y., see Y. Katsuki 212 (1988) 339; 218 (1989) 169; 227 (1989) 381
Kawarabayashi, K. and K. Ohta, Yukawa couplings in meson–soliton scattering 216 (1989) 205
Kawasaki, M., see M. Fukugita 221 (1989) 129
Kayahara, Y., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kayser, F., see G. Reifenröther 214 (1988) 325
Kayser, F., see M. Doser 215 (1988) 792
Kayser, F., see B. May 225 (1989) 450
Kazacha, S.G., see S.N. Ershov 227 (1989) 315
Kazakov, D.I., Self-avoiding random walk in superspace 215 (1988) 129
Kazakov, V.A., see D.V. Boulatov 214 (1988) 581
Kazama, Y. and H. Suzuki, Characterization of $N=2$ superconformal models generated by the coset space method 216 (1989) 112
Kazuno, M., see S. Aoki 224 (1989) 441
Kecskeméti, J., see R. Büchle 213 (1988) 125
Keeler, R., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Keh, S., D. Antreasyan, H.W. Bartels, D. Besset, Ch. Bieler, J.K. Bienlein, A. Bizzeti, E.D. Bloom, I.C. Brock, K. Brockmüller, R. Cabenda, A. Cartacci, M. Cavalli-Sforza, R. Clare, A. Compagnucci, G. Conforto, S. Cooper, R. Cowan, D. Coyne, A. Engler, K. Fairfield, G. Folger, A. Fridman, J. Gaiser, D. Gelphman, G. Glaser, G. Godfrey, K. Graaff, F.H. Heimlich, F.H. Heinsius, R. Hofstadter, J. Irion, H. Janssen, Z. Jakubowski, K. Karch, T. Kiel, H. Kilian, I. Kirkbride, T. Kloiber, M. Kobel, W. Koch, A.C. König, K. Königsmann, R.W. Kraemer, S. Krüger, G. Landi, R. Lee, S. Leffler, R. Lekebusch, A.M. Litke, W. Lockman, S. Lowe, B. Lurz, D. Marlow, H. Marsiske, W. Maschmann, P. McBride, H. Meyer, B. Muryn, F. Messing, W.J. Metzger, B. Monteleoni, R. Nernst, B. Niczyporuk, G. Nowak, C. Peck, P.G. Pelfer, B. Pollock, F.C. Porter, D. Prindle, P. Ratoff, M. Reidenbach, B. Renger, C. Rippich, M. Scheer, P. Schmitt, J. Schotanus, J. Schütte, A. Schwarz, D. Sievers, T. Skwarnicki, V. Stock, K. Strauch, U. Strohbusch, J. Tompkins, H.J. Trost, B. van Uitert, R.T. Van de Walle, H. Vogel, A. Voigt, U. Volland, K. Wachs, K. Wacker, W. Walk, H. Wegener, D. Williams and P. Zschorsch, Search for exotic tau decays 212 (1988) 123
Keh, S., see H. Janssen 228 (1989) 273
Kehoe, W.L., see E. Plagnol 221 (1989) 11
Kellie, J.D., see G. Koch 218 (1989) 143
Kellner, G., see M. Arneodo 211 (1988) 493
Kelsey, D.P., see S. Barlag 218 (1989) 374
Kemper, K.W., see P.D. Cottle 219 (1989) 27
Ken, M.T., see S. Abachi 212 (1988) 533; 226 (1989) 405

Kenmoku, M., Y. Okamoto and K. Shigemoto, Möbius and super-Möbius gauge fixing for the closed string amplitudes on the disk 213 (1988) 160
Kenney, V.P., see J.R. Bensinger 215 (1988) 195
Kent, J., see A. Snyder 229 (1989) 169
Kenway, R.D., see S.P. Booth 228 (1989) 115
Kenyon, I., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kephart, T.W., see B. Grossman 220 (1989) 431
Kerboul, C., see A. Boudard 214 (1988) 6
Kerler, W. and T. Metz, Higher-order action-variational approach to SU(3) lattice gauge theory 229 (1989) 264
Kern, W., see J.R. Bensinger 215 (1988) 195
Kernan, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kernel, G., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Kernel, G., D. Korbar, P. Križan, M. Mikuž, F. Sever, A. Stanovnik, M. Starič, D. Zavrtanik, C.W.E. van Eijk, R.W. Hollander, W. Lourens, E.G. Michaelis, N.W. Tanner, S.A. Clark, J..v. Jovanovich, J.D. Davies, J. Lowe and S.M. Playfer, Cross section measurement of the $\pi^- p \to \pi^- \pi^+ n$ reaction near threshold 216 (1989) 244
Kernel, G., D. Korbar, P. Križan, M. Mikuž, F. Sever, A. Stanovnik, M. Starič, D. Zavrtanik, C.W.E. van Eijk, R.W. Hollander, W. Lourens, E.G. Michaelis, N.W. Tanner, S.A. Clark, J.V. Jovanovich, J.D. Davies, J. Lowe and S.M. Playfer, Measurement of $\pi^- p \to \pi^- p \pi^0$ reaction near threshold and breaking of chiral symmetry 225 (1989) 198
Kerner, R. and D.H. Tchrakian, Spontaneous compactification on S^{2n} as solution to the generalized Einstein–Yang–Mills–Higgs system 215 (1988) 87
Kerner, R., see M. Dubois-Violette 217 (1989) 485
Kesseler, G., see G.D. Barr 214 (1988) 303
Kessler, E., see H.G. Börner 215 (1988) 45
Kettle, P.-R., see J.F. Crawford 213 (1988) 391
Keung, W.-Y., see V. Barger 211 (1988) 355
Keung, W.-Y., see D. Chang 217 (1989) 238
Khan, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Khan, S., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Khandelwal, G.S., see F.A. Cucinotta 223 (1989) 127
Khankhasayev, M.Kh. and N.S. Topilskaya, On the reactive content of the pion–nucleus optical potential at low energies 217 (1989) 14
Khare, A. and S. Rao, Q-ball solutions in local gauge theories with Chern–Simons term 227 (1989) 424
Kharlamov, S.P., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Khaustov, G.V., see D. Alde 216 (1989) 447, 451
Khazaie, F., see A.M. Bruce 215 (1988) 237
Khazaie, F., see K. Schiffer 219 (1989) 52
Khazaie, F., see S.J. Freeman 222 (1989) 347
Khodjamirian, A.Yu., see A.S. Gorsky 227 (1989) 474
Khokhlachev, S.B., see A.B. Migdal 228 (1989) 167
Khoo, T.L., see W.R. Phillips 212 (1988) 402
Khoo, T.L., see H. Emling 217 (1989) 33
Khovansky, V., see J.V. Allaby 213 (1988) 554
Khveshchenko, D. and P.B. Wiegmann, Physical realization of the parity anomaly and quantum Hall effect 225 (1989) 279

Kichimi, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kiefer, C., Non-minimally coupled scalar fields and the initial value problem in quantum gravity 225 (1989) 227
Kiel, T., see S. Keh 212 (1988) 123
Kiel, T., see H. Janssen 228 (1989) 273
Kiener, I., see K. Grotowski 223 (1989) 287
Kienle, P., see W. Koenig 218 (1989) 12
Kienzle, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kiesling, Ch., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kieu, T.D., Second quantisation and the path integral of chiral gauge theories 218 (1989) 221
Kieu, T.D., Commutators of Gauss-law operators in chiral gauge theories 223 (1989) 72
Kifune, T., see K.S. Hirata 220 (1989) 308
Kihara, K., see K.S. Hirata 220 (1989) 308
Kihm, Th., see Th. Weber 215 (1988) 469
Kikuchi, R., see K. Abe 213 (1988) 400
Kikukawa, Y., see K.-I. Kondo 220 (1989) 270
Kilcher, P., see H.T. Duong 217 (1989) 401
Kilcup, G.W., see R. Gupta 211 (1988) 132
Kilcup, G.W., see A. Patel 225 (1989) 398
Kilian, H., see S. Keh 212 (1988) 123
Kilian, H., see H. Janssen 228 (1989) 273
Kilian, K., see P.D. Barnes 229 (1989) 432
Killingback, T.P., Quantum Chern–Simons theory 219 (1989) 448
Killingback, T.P., Quantum Yang–Mills theory on Riemann surfaces and conformal field theory 223 (1989) 357
Kim, B.T., see T. Udagawa 230 (1989) 6
Kim, C.S. and A.D. Martin, On the determination of V_{ub} and V_{cb} from semileptonic B decays 225 (1989) 186
Kim, D.W., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kim, D.Y., see S.N. Sinha 218 (1989) 333
Kim, E.J., see A. Bacala 218 (1989) 112
Kim, E.J., see T. Mori 218 (1989) 499
Kim, E.J., see S.K. Kim 223 (1989) 476
Kim, E.J., see E.H. Low 228 (1989) 548
Kim, G.J., S.D. Adrian, J. Arends, W.J. Briscoe, J. Engelage, B.M.K. Nefkens, M.E. Sadler, C.J. Seftor, D.I. Sober, M. Taragin and H.J. Ziock, Test of πN partial wave analyses at the onset of the Roper resonance 219 (1989) 62
Kim, G.N., see A. Bacala 218 (1989) 112
Kim, G.N., see T. Mori 218 (1989) 499
Kim, G.N., see S.K. Kim 223 (1989) 476
Kim, G.N., see E.H. Low 228 (1989) 548
Kim, H.J., see A. Bacala 218 (1989) 112
Kim, H.J., see T. Mori 218 (1989) 499
Kim, H.J., see S.K. Kim 223 (1989) 476
Kim, H.J., see E.H. Low 228 (1989) 548
Kim, I.J., see P. Avery 223 (1989) 470
Kim, I.J., see R. Fulton 224 (1989) 445
Kim, I.J., see W.-Y. Chen 226 (1989) 192

Kim, I.J., see M.S. Alam 226 (1989) 401
Kim, J.-K., see W.-S. Chung 225 (1989) 79
Kim, J.H., see F. Gabbiani 214 (1988) 398
Kim, J.K. and Y. Yoon, The relationship between the conformal and gravitational anomalies 214 (1988) 98
Kim, J.K., C.J. Park and Y. Yoon, Calabi–Yau manifolds from complete intersections in products of weighted complex projective spaces 224 (1989) 108
Kim, P.C., see J. Adler 227 (1989) 501
Kim, S.B., see K.S. Hirata 220 (1989) 308
Kim, S.K., see A. Bacala 218 (1989) 112
Kim, S.K., see T. Mori 218 (1989) 499
Kim, S.K., H.J. Kim, J.S. Kang, M.H. Lee, S.S. Myung, A. Bacala, R. Imlay, P. Kirk, J. Lim, R.R. McNeil, W. Metcalf, C.P. Cheng, J. Li, Y.K. Li, Z.P. Mao, Y.T. Xu, Y.C. Zhu, A. Abashian, K. Gotow, E.H. Low, M.E. Mattson, F. Naito, L. Piilonen, K.L. Sterner, S. Lusin, C. Rosenfeld, A.T.M. Wang, S. Wilson, M. Frautschi, H. Kagan, R. Kass, C.G. Trahern, W. Ko, R.L. Lander, K. Maeshima, R.L. Malchow, J.R. Smith, K. Sparks, M.C.S. Williams, K. Abe, Y. Fujii, Y. Higashi, Y. Kurihara, A. Maki, T. Nozaki, T. Omori, H. Sagawa, Y. Sakai, Y. Sugimoto, Y. Takaiwa, S. Terada, K. Tsuchiya, F. Kajino, D. Perticone, R. Poling, T. Thomas, I.H. Park, S. Schnetzer, J. Green, S. Sakamoto, F. Sannes, R. Stone, S. Trentalange, J. Vinson, Y. Ishi, K. Miyar , H. Miyata, Y. Yamashita, D. Blanis, A. Bodek, H. Budd, R. Coombes, S. Eno, C.A. Fry, H. Harada, Y.H. Ho, Y.K. Kim, T. Kumita, T. Mori, S.L. Olsen, P. Perez, A. Sill, N.M. Shaw, E.H. Thorndike, K. Ueno, H.W. Zheng, K. Eguchi, H. Itoh, H. Ichinose, S. Kobayashi, A. Murakami, K. Toyoshima, G.N. Kim, E.J. Kim, D. Son, H. Kozuka, S. Matsumoto, T. Sasaki, T. Takeda, R. Tanaka, R. Chiba, S. Igarashi, H. Yokota, T. Ishizuka and K. Ohta, Search for the substructure of leptons in high energy QED processes at TRISTAN 223 (1989) 476
Kim, S.K., see E.H. Low 228 (1989) 548
Kim, Y.D., see M.B. Tsang 220 (1989) 492
Kim, Y.E., Apparent anomalies in borehole and seafloor gravity measurements 216 (1989) 212
Kim, Y.K., see A. Bacala 218 (1989) 112
Kim, Y.K., see T. Mori 218 (1989) 499
Kim, Y.K., see S.K. Kim 223 (1989) 476
Kim, Y.K., see E.H. Low 228 (1989) 548
Kimura, T., see J.M. Figueroa-O'Farrill 219 (1989) 273
Kinashi, T., see C. Ohmori 230 (1989) 27
Kindo, T. and A. Iwamoto, Methods for the calculation of the fission half-life in the multidimensional space 225 (1989) 203
King, J.D., see D. Frekers 218 (1989) 439
King, N.S.P., see M.A. Moinester 230 (1989) 41
King, S.F. and D.A. Ross, Numerical studies of walking technicolor theories 228 (1989) 363
King, S.F., Chirally extended technicolor 229 (1989) 253
Kinnunen, R., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kinoshita, K., see P. Avery 223 (1989) 470
Kinoshita, K., see R. Fulton 224 (1989) 445
Kinoshita, K., see W.-Y. Chen 226 (1989) 192
Kinoshita, K., see M.S. Alam 226 (1989) 401
Kinoshita, K., M. Fujii, K. Nakajima, P.B. Price and S. Tasaka, Search for highly ionizing particles in e^+e^- annihilations at $\sqrt{s}=50$–60.8 GeV 228 (1989) 543

Kinson, J.B., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Kiritsis, E.B., Proof of the completeness of the classification of rational conformal theories with $c=1$ 217 (1989) 427
Kirk, A., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Kirk, P., see A. Bacala 218 (1989) 112
Kirk, P., see T. Mori 218 (1989) 499
Kirk, P., see S.K. Kim 223 (1989) 476
Kirk, P., see G. Roche 226 (1989) 228
Kirk, P., see E.H. Low 228 (1989) 548
Kirkbride, I., see S. Keh 212 (1988) 123
Kirkbride, I., see H. Janssen 228 (1989) 273
Kirsch, L.E., see J.R. Bensinger 215 (1988) 195
Kirschfink, F.J., see W. Braunschweig 214 (1988) 286
Kirsebom, K., see C. Baglin 225 (1989) 296
Kiryushin, Yu.T., see A.C. Benvenuti 223 (1989) 485
Kiselev, S.M., Azimuthal multiparticle correlations in high-energy heavy-ion collisions in the molecular-dynamical model 216 (1989) 262
Kiselev, V.G. and K.G. Selivanov, Quantum correction to the monopole mass 213 (1988) 165
Kishida, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kishimoto, T., see H. Ejiri 225 (1989) 35; 228 (1989) 24
Kisselev, A.V. and V.A. Petrov, Coherence effects and average multiplicity in deep inelastic scattering at small x 214 (1988) 434
Kistryn, S., J. Lang, J. Liechti, H. Lüscher, Th. Maier, R. Müller, M. Simonius, J. Smyrski, J. Stromicki and W. Haeberli, Measurement of parity nonconservation in proton–deuteron scattering at 43 MeV 219 (1989) 58
Kitagaki, T., S. Tanaka, A. Yamaguchi, K. Hasegawa, K. Tamai, K. Furuno, Y. Morita, S. Nakai, Y. Chiba, M. Sasaki, T. Yamamura, K. Numano, H. Kurino, H. Suzuki, T. Akagi, K. Tamae, T. Takayama, J. Katayama, T. Nakajima, H. Hanada, P. Allen, D. Brick, A. Chen, K. De, A. DeSilva, M. Aryal, A. Shapiro, M. Widgoff, N. Gelfand, T. Murphy, E.D. Alyea Jr., S.W. Mao, L.G. Mu, Y.S. Tai, S. Wang, Y. Wu, S.W. Xu, M. Zhao, D. Goloskie, E.S. Hafen, J. Harton, I.A. Pless, S. Fukui, H.O. Cohn, J.E. Brau, W.M. Bugg, G.T. Condo, Y.C. Du, T. Handler, H.J. Hargis, E.L. Hart, R. Kroeger, R. Majoras, J. Shimony, M. Higuchi, M. Sato and Y. Hoshi, A new method to investigate the nuclear effect in leptonic interactions 214 (1988) 281
Kitakado, S., see Y. Igarashi 227 (1989) 239
Kitamura, H., see S. Aoki 224 (1989) 441
Kittel, W., see I.V. Ajinenko 222 (1989) 306
Kizilersü, A., see K.G. Akdeniz 215 (1988) 81
Kizukuri, Y. and N. Oshimo, Lepton energy distribution for two-body decay of chargino at e^+e^- colliders 220 (1989) 293
Klanner, R., see S. Barlag 218 (1989) 374
Klassen, T.R., see P.G.O. Freund 229 (1989) 243
Klatchko, A., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Klein, A., see F.J.W. Hahne 229 (1989) 1
Klein, S.R., see A. Snyder 229 (1989) 169
Kleinert, H., Dynamical generation of string tension and stiffness 211 (1988) 151
Kleinert, H., see W. Janke 217 (1989) 525

Kleinert, H., see G. Germán 220 (1989) 133; 225 (1989) 107
Kleinert, H., Path collapse in Feynman formula. Stable path integral formula from local time reparametrization invariant amplitude 224 (1989) 313
Kleinert, H., Path integrals over fluctuating non-relativistic fermion orbits 225 (1989) 381
Kleinheinz, P., see H. Kader 227 (1989) 325
Kleinknecht, K., see G.D. Barr 214 (1988) 303
Kleinwort, C., see S. Bethke 213 (1988) 235
Kleiss, R., see F.A. Berends 224 (1989) 237
Klempt, E., see G. Reifenröther 214 (1988) 325
Klempt, E., see M. Doser 215 (1988) 792
Klempt, E., see B. May 225 (1989) 450
Klimčík, C., see D. Amati 219 (1989) 443
Klimek, M., see Z. Jaskólski 214 (1988) 661
Kloiber, T., see S. Keh 212 (1988) 123
Kloiber, T., see H. Janssen 228 (1989) 273
Klotz, G., see P. Baumann 228 (1989) 458
Klotz-Engmann, G., see D.H.E. Gross 224 (1989) 29
Kluberg, L., see C. Baglin 220 (1989) 471
Kluge, E.E., see R. Ansari 215 (1988) 175
Kluge, H., see A.P. Byrne 217 (1989) 38
Kluit, P.M., Minijets and the rise of the total cross section 222 (1989) 155
Knapp, E.A., see D. Alde 216 (1989) 447, 451
Knapp, J., see H.-J. Behrend 215 (1988) 186
Kneißl, U., see C. Wesselborg 211 (1988) 500
Kneißl, U., see Th. Weber 215 (1988) 469
Kniehl, B.A., J.H. Kühn and R.G. Stuart, QCD corrections, virtual heavy quark effects and electroweak precision measurements 214 (1988) 621
Kniehl, B.A. and J.H. Kühn, QCD corrections to the axial part of the Z decay rate 224 (1989) 229
Knies, G., see S. Bethke 213 (1988) 235
Knipper, A., see P. Baumann 228 (1989) 458
Knop, R., see J. Pouliot 223 (1989) 16
Knöpfle, K.T., see Th. Weber 215 (1988) 469
Knöpfle, K.T., see K. Reiner 228 (1989) 31
Knopp, M., see K.-H. Speidel 227 (1989) 16
Knopp, M., see U. Reuter 230 (1989) 16
Knospe, O., see R. Schmidt 229 (1989) 197
Knott, C.N., see M.S. Kaplan 215 (1988) 251
Knudson, K., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Ko, C.M., see A. De Paoli 219 (1989) 194
Ko, C.M., see L. Xia 222 (1989) 343
Ko, W., see A. Bacala 218 (1989) 112
Ko, W., see T. Mori 218 (1989) 499
Ko, W., see S.K. Kim 223 (1989) 476
Ko, W., see E.H. Low 228 (1989) 548
Kobayashi, A., see Y arashi 214 (1988) 445
Kobayashi, M., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kobayashi, M., see S. Aoki 224 (1989) 441

Kobayashi, S., see A. Bacala 218 (1989) 112
Kobayashi, S., see T. Mori 218 (1989) 499
Kobayashi, S., see S.K. Kim 223 (1989) 476
Kobayashi, S., see E.H. Low 228 (1989) 548
Kobayashi, T., H. Konno and T. Suzuki, Duality and covariant one-loop primitive operators in bosonic string theory 211 (1988) 86
Kobayashi, T., see Y. Katsuki 212 (1988) 339; 218 (1989) 169; 227 (1989) 381
Kobayashi, T., see S. Bethke 213 (1988) 235
Kobayashi, T., see T. Kon 223 (1989) 461
Kobayashi, Y., see C. Ohmori 230 (1989) 27
Kobel, M., see S. Keh 212 (1988) 123
Kobel, M., see H. Janssen 228 (1989) 273
Kobes, R., G. Kunstatter and K.W. Mak, The gluon propagator in a static temporal gauge at finite temperature 223 (1989) 433
Kobos, A.M., see J. Raynal 218 (1989) 403
Koca, M., Quaternionic and octonionic orbifolds 228 (1989) 200
Koch, G., H. Ströher, G. Breitbach, V. Metag, S. Tschesche, R. Beck, U. Dittmayer, R. Gothe, F. Kalleicher, M. Schmitz, B. Schoch, J. Vogt, S.J. Hall, J.D. Kellie, J.C. McGeorge and D. Branford, Cross sections and angular distributions for $^{12}C(\gamma, \pi^0)$ 218 (1989) 143
Koch, H., see A. Angelopoulos 212 (1988) 129
Koch, W., see S. Keh 212 (1988) 123
Koch, W., see H. Janssen 228 (1989) 273
Kocić, A., E. Dagotto and J. Kogut, Screening and point-like structure. Zero-charge problem reexamined 213 (1988) 56
Kodama, K., see S. Aoki 224 (1989) 441
Kodama, T., see T. Kohmura 226 (1989) 207
Koenig, W., E. Berdermann, F. Bosch, S. Huchler, P. Kienle, C. Kozhuharov, A. Schröter, S. Schuhbeck and H. Tsertos, On the momentum correlation of (e^+e^-)-pairs observed in U+U and U+Pb collisions 218 (1989) 12
Koepf, W. and P. Ring, Has the nucleus ^{24}Mg a triaxial shape? A relativistic investigation 212 (1988) 397
Kofman, L.A. and D.Yu. Pogosyan, Nonflat perturbations in inflationary cosmology 214 (1988) 508
Kofoed-Hansen, O., see R. Ansari 215 (1988) 175
Kögerler, R., see G. Cvetič 217 (1989) 496
Kogut, J., see A. Kocić 213 (1988) 56
Kogut, J.B., see D.K. Sinclair 229 (1989) 93
Kogut, J.B. and D.K. Sinclair, What is the order of the transition from hadronic matter to the quark–gluon plasma? 229 (1989) 107
Koh, I.-G. and P. Sorba, Fusion rules and (sub-)modular invariant partition functions in non-unitary theories 215 (1988) 723
Koh, I.-G. and S.-K. Yang, Scalar field theories for Z_N symmetric conformal models 223 (1989) 349
Kohara, Y., Can $D_s \to \phi\pi$ be used as a test of nonet symmetry? 228 (1989) 523
Kohmura, T., see M. Cauvin 219 (1989) 35
Kohmura, T., Y. Miyama, T. Nagai, S. Ohnaka, J. da Providência and T. Kodama, Stability of relativistic Hartree states 226 (1989) 207
Kohyama, Y., see M. Fukugita 212 (1988) 139
Kohyama, Y., see J. Arafune 217 (1989) 186
Koike, Y., M. Fukugita and A. Ukawa, Hadron spectroscopy with three-flavor dynamical Kogut–Susskind fermion on a lattice 213 (1988) 497

Koike, Y., Dynamical quark effects on heavy-quark spin-dependent potential in lattice QCD 216 (1989) 184
Kojima, T., see E.H. Low 228 (1989) 548
Kolanoski, H., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Kolanoski, H., see W. Braunschweig 214 (1988) 286
Kolb, B.W., see H.H. Gutbrod 216 (1989) 267
Kolb, B.W., see R. Albrecht 221 (1989) 427
Kolbe, E., K. Langanke and H.J. Assenbaum, Microscopic study of the low-energy ^{7}Be(p, γ)^{8}B reaction 214 (1988) 169
Kolbert, D., see E. Stiliaris 223 (1989) 291
Koldenhof, E.E., see J. Wilczynski 220 (1989) 497
Koldenhof, E.E., see J.D. Binnefeld 225 (1989) 308
Kolesnikov, L.Ya., see N.A. Burkova 223 (1989) 136
Kolsrud, T., see S. Albeverio 222 (1989) 263
Koltick, D., see S. Abachi 212 (1988) 533; 226 (1989) 405
Koltick, D., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kolya, S.D., see J.F. Bak 213 (1988) 242
Kolybasov, V.M., I.S. Shapiro and Yu.N. Sokolskikh, Shift of the $\zeta(1480)$ resonance created in antiproton annihilation on deuterium at rest 222 (1989) 135
Kolybasov, V.M. and Yu.N. Sokolskikh, On the dynamical basis for the coalescence model 225 (1989) 31
Komamiya, S., see S. Bethke 213 (1988) 235
Komatsu, H., New constraints on parameters in the minimal supersymmetric model 215 (1988) 323
Kon, T., K. Nakamura and T. Kobayashi, Photino and sneutrino production $e^{-}p \to \tilde{\gamma}\tilde{\nu}qX$ at HERA energy 223 (1989) 461
Koncz, P., see R. Büchle 213 (1988) 125
Kondo, K.-I., Y. Kikukawa and H. Mino, Phase structure of quantum electrodynamics in the framework of the Schwinger–Dyson equation 220 (1989) 270
Kondo, K.-I., Spontaneous breakdown of chiral symmetry and scaling law in the massive vector model 226 (1989) 329
Kondo, T., see K. Abe 213 (1988) 400
Kondō, Y., see C. Gao 219 (1989) 40
Kondō, Y., see F. Michel 220 (1989) 479
Kondō, Y., B.A. Robson and R. Smith, A deep potential description of the ^{16}O + ^{16}O system 227 (1989) 310
Kondratyuk, L.A. and M.G. Sapozhnikov, Pontecorvo reactions of two-body antiproton annihilation in deuterium 220 (1989) 333
König, A.C., see S. Keh 212 (1988) 123
König, A.C., see H. Janssen 228 (1989) 273
Königsmann, K., see S. Keh 212 (1988) 123
Königsmann, K., see H. Janssen 228 (1989) 273
Koniuk, R., see W. Dykshoorn 229 (1989) 132
Konno, H., see T. Kobayashi 211 (1988) 86
Konno, H., A covariant multiloop planar operator in bosonic string theory 212 (1988) 165
Konoplich, R.V., Vortices on a superconducting domain wall 226 (1989) 233
Konter, J.A., see R. Bertini 228 (1989) 531
Kooijman, P., see S. Abachi 212 (1988) 533; 226 (1989) 405
Koopman, E.L.M. and N.P. Landsman, Dimensional reduction at high temperature revisited 223 (1989) 421
Koopmans, M. and J.J. Steringa, Dynamical mass generation in supersymmetric QED_3 226 (1989) 309

Kopeliovich, B.Z. and B.G. Zakharov, Decameron dynamics in the high energy antiproton interaction 211 (1988) 221
Kopeliovich, B.Z. and B.G. Zakharov, Spin-flip component of the pomeron 226 (1989) 156
Kopeliovich, B.Z., Nuclear opacity for neutrinos at small Q^2 227 (1989) 461
Köpke, L., see J. Adler 227 (1989) 501
Kopp, R., see A.C. Benvenuti 223 (1989) 485, 490
Korbar, D., see G. Kernel 216 (1989) 244; 225 (1989) 198
Korbel, V., see J.J. Aubert 218 (1989) 248
Korchemsky, G.P., Double logarithmic asymptotics in QCD 217 (1989) 330
Korchemsky, G.P., The Sudakov form factor in QCD 220 (1989) 629
Koretune, S., A transformation making the Berry phase in a chiral gauge theory invariant 217 (1989) 119
Körner, J.G., see Th. Brodkorb 216 (1989) 203
Körner, J.G. and G.A. Schuler, Aspects of the chirality of weak b→c transitions in the exclusive semi-leptonic decay $B(b)\to D^*(c)+\ell^-+\bar{\nu}_\ell$ 226 (1989) 185
Korobov, V.I. and S.L. Vinitsky, Variational calculation of muonic molecule bound states with orbital momentum $J=1$ and spatial parity $\lambda=1$ 228 (1989) 21
Korsch, W., see H. Leucker 223 (1989) 277
Korteling, R., see D.A. Cebra 227 (1989) 336
Korthals Altes, C.P., see D. Daniel 221 (1989) 136
Koseki, T., see K. Abe 213 (1988) 400
Koshiba, M., see K.S. Hirata 220 (1989) 308
Kosiński, P., Conservation laws in the presence of anomalies 221 (1989) 133
Koska, W., see A. Snyder 229 (1989) 169
Koskinen, M., see P.O. Lipas 230 (1989) 1
Kosmas, T.S. and J.D. Vergados, Nuclear matrix elements for the coherent μ–e conversion process 215 (1988) 460
Kosmas, T.S. and J.D. Vergados, Sum rules for the inclusive μ–e conversion exotic reaction 217 (1989) 19
Kosmas, T.S., G.K. Leontaris and J.D. Vergados, Lepton flavour violation in supergravity theories 219 (1989) 457
Kosmas, T.S. and J.D. Vergados, Nuclear matrix elements for the coherent μ–e conversion process, Phys. Lett. B 215 (1988) 460. Erratum 219 (1989) 531
Koss, T., see M.I. Adamovich 227 (1989) 285
Kostov, I., Two-point correlator for the $D=1$ closed bosonic string 215 (1988) 499
Kostov, I., see M. Gaudin 220 (1989) 200
Kotkin, G.L., E.A. Kuraev, A. Schiller and V.G. Serbo, On QED processes for luminosity and beam polarization measurements at LEP 221 (1989) 96
Kotthaus, R., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kotzinian, Ar.M., see S.R. Gevorkyan 212 (1988) 254
Kounnas, C., see S. Kalara 215 (1988) 265
Koutsoumbas, G., see K. Farakos 211 (1988) 322
Koutsoumbas, G., see N.A. Batakis 220 (1989) 513
Kovacs, F., see P. Astier 220 (1989) 646
Kovács, Zs., see R. Büchle 213 (1988) 125
Kovalenko, S.G., see V.A. Bednyakov 214 (1988) 640; 219 (1989) 96
Kovner, A., Canonical quantization of the CP^N model with a θ-term 224 (1989) 299
Kowalewski, R., see P. Avery 223 (1989) 470
Kowalewski, R., see R. Fulton 224 (1989) 445

Kowalewski, R., see W.-Y. Chen 226 (1989) 192
Kowalewski, R., see M.S. Alam 226 (1989) 401
Kowalski, H., see J. Ellis 214 (1988) 161
Kowalski, H., see W. Braunschweig 214 (1988) 286
Kowalski, S., see J. Lichtenstadt 219 (1989) 394
Kowalski-Glikman, J., see S. Aoyama 216 (1989) 133
Kowalski-Glikman, J., see Z. Hasiewicz 217 (1989) 95
Kozanecki, W., see A. Snyder 229 (1989) 169
Kozhuharov, C., see W. Koenig 218 (1989) 12
Kozik, T., see K. Grotowski 223 (1989) 287
Kozimirov, N.G., see V.A. Berezin 212 (1988) 415
Kozimirov, N.G., V.A. Kuzmin and I.I. Tkachev, On symmetry breaking at coset space dimensional reduction 215 (1988) 84
Kozlowski, T., see S. Egli 222 (1989) 533
Kozuka, H., see A. Bacala 218 (1989) 112
Kozuka, H., see T. Mori 218 (1989) 499
Kozuka, H., see S.K. Kim 223 (1989) 476
Kracht, T., see W. Braunschweig 214 (1988) 286
Kraemer, R.W., see S. Keh 212 (1988) 123
Krämer, A., H.G. Dosch and R.A. Bertlmann, Estimate of the background gluon correlation time from bottonium 223 (1989) 105
Kramer, G., see N.K. Falck 220 (1989) 299
Kramer, G.J., H.P. Blok, J.F.J. van den Brand, H.J. Bulten, R. Ent, E. Jans, J.B.J.M. Lanen, L. Lapikás, H. Nann, E.N.M. Quint, G. van der Steenhoven, P.K.A. de Witt Huberts and G.J. Wagner, Proton ground-state correlations in ^{40}Ca studied with the reaction ^{40}Ca(e,e′p)^{39}K 227 (1989) 199
Krämer, R.W., see H. Janssen 228 (1989) 273
Krammer, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kraner, H., see T. Åkesson 214 (1988) 295
Krasnikov, N.V., Infinite component field theory as a key to the solution of the gauge hierarchy problem 214 (1988) 363
Krasnikov, N.V., A.B. Kyiatkin and E.R. Poppitz, Structure of the effective potential in supersymmetric theories with higher order derivatives coupled to supergravity 222 (1989) 66
Krasnikov, N.V., Ultraviolet finite models with generalized scale invariance 223 (1989) 32
Krasnikov, N.V., On the inconsistency of the Wess–Zumino model 224 (1989) 136
Krasnikov, N.V., Is finite charge renormalization possible in quantum electrodynamics? 225 (1989) 284
Krasnovszky, S. and I. Wagner, Description of the scaled moments for the nondiffractive pp and p$\bar{\text{p}}$ interactions in the CMS energy range 10–900 GeV 228 (1989) 159
Krasny, M.W., see R.C. Walker 224 (1989) 353
Krastev, P.I. and S.T. Petcov, Resonance amplification and T-violation effects in three-neutrino oscillations in the earth, Phys. Lett. B 205 (1988) 84. Erratum 214 (1988) 660
Krastev, P.I. and A.Yu. Smirnov, Parametric effects in neutrino oscillations 226 (1989) 341
Krasznovszky, S. and I. Wagner, Description of charged-particle multiplicity distributions in e^+e^- annihilation at the available energies of 14, 22, 34.8, and 43.6 GeV from TASSO 213 (1988) 103
Kraus, L., see C. Baglin 220 (1989) 471
Kraus, N., see S. Egli 222 (1989) 533
Krawczyk, M., see F. Boudjema 222 (1989) 507

Krebs, G.F., see G. Roche 226 (1989) 228
Krehbiel, H., see S. Bethke 213 (1988) 235
Krein, G., P. Tang, L. Wilets and A.G. Williams, Confinement, chiral symmetry breaking, and the pion in a chromo-dielectric model of quantum chromodynamics 212 (1988) 362
Krein, G., P. Tang and A.G. Williams, Dynamical chiral symmetry breaking in quantum chromodynamics with confinement and asymptotic freedom 215 (1988) 145
Kreiner, A.J., D. Hojman, J. Davidson, M. Davidson, M. Debray, G. Falcone, D. Santos, C.W. Beausang, D.B. Fossan, R. Ma, E.S. Paul, S. Shi and N. Xu, High spin states in ^{172}Ta and additivity of odd N and odd Z effects 215 (1988) 629
Kreinick, D.L., see P. Avery 223 (1989) 470
Kreinick, D.L., see R. Fulton 224 (1989) 445
Kreinick, D.L., see W.-Y. Chen 226 (1989) 192
Kreinick, D.L., see M.S. Alam 226 (1989) 401
Kremeyer, S., see U. Reuter 230 (1989) 16
Krewald, S., Modifications of the proton charge form factor in nuclear matter 222 (1989) 338
Kreyerhoff, G. and R. Rodenberg, Renormalization group analysis of Coleman–Weinberg symmetry breaking in two-Higgs models 226 (1989) 323
Krieger, P., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162
Kripfganz, J., see M. Hellmund 223 (1989) 67
Krishan, K., S. Bhattacharya, J.N. De and S.K. Samaddar, Residual velocity of the incompletely fused system, and mass asymmetry 211 (1988) 269
Kristiansson, P., see R. Albrecht 221 (1989) 427
Krivokhizhin, V.G., see A.C. Benvenuti 223 (1989) 485, 490
Krivonos, S., see E. Ivanov 215 (1988) 689; 221 (1989) 432
Križan, P., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Križan, P., see G. Kernel 216 (1989) 244; 225 (1989) 198
Križnič, E., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Kroeger, R., see T. Kitagaki 214 (1988) 281
Kröger, H., see J.F. Brière 217 (1989) 215
Kroh, V., see T. Åkesson 214 (1988) 295
Kroha, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kroll, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Kroll, P., see K. Igi 218 (1989) 95
Krüger, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Krüger, A., see M. Arneodo 211 (1988) 493
Krüger, J., see M. Arneodo 211 (1988) 493
Krüger, J., see W. Braunschweig 214 (1988) 286
Krüger, S., see S. Keh 212 (1988) 123
Krüger, S., see H. Janssen 228 (1989) 273
Krupchitsky, P.A., see Yu.G. Abov 217 (1989) 225
Krusche, B., see A.A. Hahn 218 (1989) 365
Kryn, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Krzywicki, A., see J. Jurkiewicz 213 (1988) 511
Krzywicki, A., see A. Capella 230 (1989) 149

Ktitorov, S.A., see A.A. Bytsenko 225 (1989) 325
Ktorides, C.N., see A.I. Karanikas 213 (1988) 181
Kubischta, W., see R.E. Breedon 216 (1989) 459
Kubo, J., see Y. Igarashi 217 (1989) 55
Kubo, J., K. Sibold and W. Zimmermann, New results in the reduction of the standard model 220 (1989) 185
Kubo, J., K. Sibold and W. Zimmermann, Cancellation of divergencies and reduction of couplings in the standard model 220 (1989) 191
Kubo, K., see K. Abe 213 (1988) 400
Kubodera, K., see M. Fukugita 212 (1988) 139
Kubodera, K., see J. Arafune 217 (1989) 186
Kubota, T., The modified anti-ghost insertion rule and the string emission vertex operator 230 (1989) 57
Kubota, Y., see P. Avery 223 (1989) 470
Kubota, Y., see R. Fulton 224 (1989) 445
Kubota, Y., see W.-Y. Chen 226 (1989) 192
Kubota, Y., see M.S. Alam 226 (1989) 401
Kucharek, H., P. Ring, P. Schuck, R. Bengtsson and M. Girod, Pairing properties of nuclear matter from the Gogny force 216 (1989) 249
Kuchta, R., Nuclear structure of ^{16}O in a mean-field boson approach 212 (1988) 264
Kudenko, Yu.G., see M.B. Golubeva 221 (1989) 238
Kudo, K., see E.R. Nakamura 212 (1988) 381
Kugo, T., H. Kunitomo and K. Suehiro, Non-polynomial closed string field theory 226 (1989) 48
Kuhlen, M., see S. Bethke 213 (1988) 235
Kühn, J.H., see B.A. Kniehl 214 (1988) 621; 224 (1989) 229
Kuhn, S., see H.R. Weller 213 (1988) 413
Kuijf, H., see F.A. Berends 211 (1988) 91; 224 (1989) 237
Kuipers, J.P.M., see E. Andersen 220 (1989) 328
Kukhtin, V.V., see A.C. Benvenuti 223 (1989) 485, 490
Kukulin, V.I., see R.A. Eramzhyan 228 (1989) 1
Kulessa, R., R. Bengtsson, H. Bohn, H. Emling, T. Faestermann, F. von Feilitzsch, E. Grosse, W. Nazarewicz, D. Schwalm and H.J. Wollersheim, Angular momentum dependence of the quadrupole deformation in ^{182,184,186}W 218 (1989) 421
Kuliev, A.A., see K.-G. Dietrich 220 (1989) 351
Kulik, A.V., see D. Alde 216 (1989) 447
Kullander, S., see M. Arneodo 211 (1988) 493
Kumano, S., see A. Iwazaki 212 (1988) 99
Kumano, S., Pionic contribution to the scalar and longitudinal N–Δ transition quadrupole form factors 214 (1988) 132
Kumar, A., see D. Chang 211 (1988) 76
Kumar, B.R., see J.C. Anjos 223 (1989) 267
Kumar, V., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Kumita, T., see A. Bacala 218 (1989) 112
Kumita, T., see T. Mori 218 (1989) 499
Kumita, T., see S.K. Kim 223 (1989) 476
Kumita, T., see E.H. Low 228 (1989) 548
Kunihiro, T., Effects of the $U_A(1)$ anomaly on the quark condensates and meson properties at finite temperature 219 (1989) 363

Kunitomo, H., see T. Kugo 226 (1989) 48
Kunstatter, G., see R. Kobes 223 (1989) 433
Kunszt, Z. and W.J. Stirling, Lepton pair production at HERA and the hadronic component of the electron 217 (1989) 563
Kunszt, Z., Measurable effects of the spin dependent gluon distribution 218 (1989) 243
Kunz, J. and P.J. Mulders, Bound state approach for strange dibaryons in the Skyrme model 215 (1988) 449
Kunz, J. and Y. Brihaye, New sphalerons in the Weinberg–Salam theory 216 (1989) 353
Kunz, J., P.J. Mulders and S. Pollock, The spin structure of the nucleon and its evolution 222 (1989) 481
Kunz, P., see D. Aston 215 (1988) 199, 799
Kuo, T.T.S., see M.F. Jiang 223 (1989) 5
Kuo, W.-C., G. Lu, B.-L. Young and Z.Y. Zhu, B–$\bar{B}$ mixing in technicolor theory 214 (1988) 253
Kupershmidt, B.A. and P. Mathieu, Quantum Korteweg–de Vries like equations and perturbed conformal field theories 227 (1989) 245
Kupiainen, A., see K. Gawędzki 215 (1988) 119
Kuraev, E.A., see G.L. Kotkin 221 (1989) 96
Kurasawa, H. and T. Suzuki, Modification of the nucleon size in nuclei in the σ–ω model, Phys. Lett. B 208 (1988) 160. Erratum 211 (1988) 500
Kurashige, H., see K. Abe 213 (1988) 400
Kurepin, A.B., see M.B. Golubeva 221 (1989) 238
Kuriakose, V.C., see R.P. Ignatius 220 (1989) 181
Kurihara, Y., see J. Hüfner 215 (1988) 218
Kurihara, Y., see A. Bacala 218 (1989) 112
Kurihara, Y., see T. Mori 218 (1989) 499
Kurihara, Y., see S.K. Kim 223 (1989) 476
Kurihara, Y., see E.H. Low 228 (1989) 548
Kurino, H., see T. Kitagaki 214 (1988) 281
Kurmanov, R.S., see S.N. Ershov 227 (1989) 315
Kuroda, K., see N. Akchurin 229 (1989) 299
Kuroda, S., see I. Adachi 218 (1989) 105
Kusaka, K., see K. Sumiyoshi 225 (1989) 10
Kushnir, V.A., see V.P. Gusynin 213 (1988) 177; 215 (1988) 805; 220 (1989) 635
Kusnezov, D.F., E.A. Henry and R.A. Meyer, An octupole two-phonon multiplet in ^{96}Zr and its description within the spdf interacting boson model 228 (1989) 11
Küster, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Kusuki, N., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Kutasov, D., Geometry on the space of conformal field theories and contact terms 220 (1989) 153
Kutasov, D., String theory and the non-abelian Thirring model 227 (1989) 68
Kutschera, M., see K. Werner 220 (1989) 243
Kutschera, M. and W. Wójcik, Magnetic properties of strongly asymmetric nuclear matter 223 (1989) 11
Kutschke, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Kuyucak, S., I. Morrison, A. Faessler and A. Gelberg, g-boson effects in the neutron–proton IBM from $1/N$ expansion 215 (1988) 10
Kuzenko, S.M., see I.L. Buchbinder 228 (1989) 341
Kuzmin, V.A., see V.A. Berezin 212 (1988) 415
Kuzmin, V.A., see N.G. Kozimirov 215 (1988) 84
Kuzminov, V.V., see A.S. Barabash 223 (1989) 273

Kuznik, B., see Ch. Berger 227 (1989) 489
Kvastunov, V.M., see N.A. Burkova 223 (1989) 136
Kwak, N., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 230 (1989) 169
Kwan, S., see S. Barlag 218 (1989) 374
Kwato Njock, M., see J.A. Pinston 218 (1989) 128
Kwiatkowski, K., see W. Skulski 218 (1989) 7
Kwiatkowski, K., see D.E. Fields 220 (1989) 356
Kyiatkin, A.B., see N.V. Krasnikov 222 (1989) 66
Kyle, G.S., see A.L. Williams 216 (1989) 11

La, D. and P.J. Steinhardt, Bubble percolation in extended inflationary models 220 (1989) 375
La, H., Cosmological constants and SL(2, C) 213 (1988) 134
Laa, C., see G. Reifenröther 214 (1988) 325
Laa, C., see M. Doser 215 (1988) 792
Laa, C., see B. May 225 (1989) 450
Labarga, L., see W. Braunschweig 214 (1988) 286
Labastida, J.M.F. and M. Pernici, A gauge invariant action in topological quantum field theory 212 (1988) 56
Labastida, J.M.F. and M. Pernici, A lagrangian for topological gravity and its BRST quantization 213 (1988) 319
Labastida, J.M.F. and A.V. Ramallo, Chiral bosons coupled to abelian gauge fields 222 (1989) 231
Labastida, J.M.F. and A.V. Ramallo, Operator formalism for Chern–Simons theories 227 (1989) 92
Labastida, J.M.F. and A.V. Ramallo, Chern–Simons theory and conformal blocks 228 (1989) 214
Laberge, C.-A. and P. Mathieu, $N=2$ superconformal algebra and integrable O(2) fermionic extensions of the Korteweg–de Vries equation 215 (1988) 718
Lacava, F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Lacki, J. and Ph. Zaugg, Braiding properties for the $SU(2)_4 \subset SU(3)_1$ embedding 228 (1989) 223
Ladage, A., see W. Braunschweig 214 (1988) 286
Ladrón de Guevara, P., see E. Andersen 220 (1989) 328
Laenen, E., see F. Bastianelli 229 (1989) 223
La France, P., B. Loiseau and R. Vinh Mau, Effects of initial- and final-state interactions in the $\bar{p}p \to \Lambda\bar{\Lambda}$ reaction 214 (1988) 317
Lagamba, L., see R. De Leo 226 (1989) 5
Lagarde, D., Ph. Chomaz and D. Vautherin, Approach to thermal equilibrium in an extended mean-field approximation 229 (1989) 193
Laget, J.M., see R. Abegg 218 (1989) 436
Laget, J.M., see G.S. Adams 219 (1989) 399
Laget, J.M., see G. Audit 227 (1989) 331
Laghai, M., see N. Akchurin 229 (1989) 299
Lahanas, A.B., see G.A. Diamandis 227 (1989) 81
Lahiri, A., see M.J. Bowick 217 (1989) 281
Lai, A., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Lal, P., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Lalanne, D., see A. Antonelli 212 (1988) 133
Lalanne, D., see D. Bisello 220 (1989) 321
Lalanne, D., see Ch. Berger 227 (1989) 489
Lam, C.S., Entropy content of multiplicity distributions 217 (1989) 530
Lam, H., see P. Avery 223 (1989) 470
Lam, H., see W.-Y. Chen 226 (1989) 192
Lam, H., see M.S. Alam 226 (1989) 401
Lamanna, E., see H. Cobbaert 213 (1988) 395
Lamarche, F., see T. Åkesson 214 (1988) 295
Lamarche, F., see F. Lemeilleur 222 (1989) 518
Lamarche, F., see E. Borchi 222 (1989) 525
Lambert, M., see C. Baglin 225 (1989) 296
Lami, S., see R. Ansari 215 (1988) 175
Lammel, S., see C. Albajar 226 (1989) 410; 229 (1989) 439

Lampe, B., see W. Buchmüller 218 (1989) 59
Lampe, B., The proton spin at high energies 227 (1989) 469
Lancaster, D. and P. Mansfield, Relations between disc diagrams 217 (1989) 416
Lanceri, L., see J.V. Allaby 213 (1988) 554
Lançon, E., see R. Ansari 215 (1988) 175
Landaud, G., see C. Baglin 220 (1989) 471
Landaud, G., see G. Roche 226 (1989) 228
Lander, R.L., see A. Bacala 218 (1989) 112
Lander, R.L., see T. Mori 218 (1989) 499
Lander, R.L., see S.K. Kim 223 (1989) 476
Lander, R.L., see E.H. Low 228 (1989) 548
Landgraf, U., see M. Arneodo 211 (1988) 493
Landgraf, U., see J.J. Aubert 218 (1989) 248
Landi, G., see S. Keh 212 (1988) 123
Landi, G. and G. Marmo, Algebraic instantons 215 (1988) 338
Landi, G., see S. De Filippo 220 (1989) 576
Landi, G., see H. Janssen 228 (1989) 273
Landon, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Landowne, S., see C.H. Dasso 217 (1989) 25
Landshoff, P.V., see H. Hüffel 217 (1989) 147
Landshoff, P.V., Hamiltonian approach to the temporal gauge 227 (1989) 427
Landsman, N.P., see E.L.M. Koopman 223 (1989) 421
Landua, R., see G. Reifenröther 214 (1988) 325
Landua, R., see M. Doser 215 (1988) 792
Landua, R., see B. May 225 (1989) 450
Lane, K. and E. Eichten, Two-scale technicolor 222 (1989) 274
Lanen, J.B.J.M., see G.J. Kramer 227 (1989) 199
Lang, A., see P.A. Henning 217 (1989) 211
Lang, C.B., Rotational symmetry of the lattice Higgs propagator 229 (1989) 97
Lang, J., see S. Kistryn 219 (1989) 58
Lang, K., see R.C. Walker 224 (1989) 353
Langanke, K., see E. Kolbe 214 (1988) 169
Lange, A., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Langenbrunner, J., see H.R. Weller 213 (1988) 413
Lankford, A.J., see A. Snyder 229 (1989) 169
Lanske, D., see M. Arneodo 211 (1988) 493
Lanyov, A.V., see A.A. Bel'kov 220 (1989) 459
Lapikás, L., see G.J. Kramer 227 (1989) 199
Laplanche, F., see Ch. Berger 227 (1989) 489
Lariccia, P., see R. Ansari 215 (1988) 175
Larin, S.A., see S.G. Gorishny 212 (1988) 238
Larionova, V.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Larsen, B., see C. Baglin 225 (1989) 296
Larsen, R.R., see A. Snyder 229 (1989) 169
Latorre, J.I. and C.A. Lütken, Constrained CP^n models 222 (1989) 55
Lauer, J., J. Mas and H.-P. Nilles, Duality and the role of nonperturbative effects on the world-sheet 226 (1989) 251

Lauer, M.R., Relations between $N=2$ discrete-series supercurrents and lattice models 225 (1989) 101
Lauwers, P., see H.G. Evertz 221 (1989) 143
Lavelle, M. and M. Schaden, Propagators and condensates for QCD in the axial gauge 217 (1989) 551
Lavine, T.L., see H.R. Band 218 (1989) 369
Lavoura, L., On the reconstruction of the four-generation CKM matrix from the moduli of its matrix elements. Existence of discrete ambiguities 223 (1989) 97
Lavoura, L., A relationship between the democratic family mixing and the Fritzsch schemes for the mass matrices 228 (1989) 245
Lawrence, A.M., Stability of cosmological solutions to string theory effective actions 217 (1989) 243
Lazarides, G., C. Panagiotakopoulos and Q. Shafi, Light Higgs doublets in three-generation superstring models 225 (1989) 66
Lazzizzera, I., see A. Bassetto 228 (1989) 235
Le Blanc, F., see H.T. Duong 217 (1989) 401
Le Bornec, Y., see N. Willis 229 (1989) 33
Lebrun, C., see K. Hagel 229 (1989) 20
Le Brun, C., see D. Lebrun 223 (1989) 139
Lebrun, D., see C. Bérat 218 (1989) 299
Lebrun, D., J. Chauvin, D. Rebreyend, G. Perrin, P. de Saintignon, P. Martin, M. Buenerd, C. le Brun, J.F. Lecolley, Y. Cassagnou, J. Julien and R. Legrain, Heavy ion collision geometry at 93 MeV/u from π^-/π^+ measurement 223 (1989) 139
Lechtenfeld, O. and S. Samuel, Gauge-invariant modification of Witten's open superstring 213 (1988) 431
Lechtenfeld, O. and W. Lerche, On non-renormalization theorems for four-dimensional superstrings 227 (1989) 373
LeClair, A., see D. Bernard 227 (1989) 417
LeClair, A., Restricted sine-Gordon theory and the minimal conformal series 230 (1989) 103
LeClaire, B.W., see A. Snyder 229 (1989) 169
Lecolley, J.F., see D. Lebrun 223 (1989) 139
Le Diberder, F., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Lednev, A.A., see D. Alde 216 (1989) 447, 451
Lednicky, R., see A.C. Benvenuti 223 (1989) 485, 490
Lee, H.K. and D.P. Min, Hyperon and nucleon structure in an SU(3) Skyrme model 219 (1989) 1
Lee, I.-H., see S. Aoki 219 (1989) 335; 229 (1989) 79
Lee, I.Y., see R. Albrecht 221 (1989) 427
Lee, J.K.P., see H.T. Duong 217 (1989) 401
Lee, K., see S. Coleman 221 (1989) 242
Lee, M.H., see A. Bacala 218 (1989) 112
Lee, M.H., see T. Mori 218 (1989) 499
Lee, M.H., see S.K. Kim 223 (1989) 476
Lee, M.H., see E.H. Low 228 (1989) 548
Lee, R., see S. Keh 212 (1988) 123
Lee, R., see H. Janssen 228 (1989) 273
Lee, S.-C. and W.-C. Su, Probing ZWW couplings through $p\bar{p} \to WZX$ at the Tevatron 212 (1988) 113
Lee, S.-C. and W.-C. Su, Probing γWW coupling through radiative W-decays 214 (1988) 276
Lee, S.H. and I. Zahed, A hamiltonian approach to the Roper resonance 215 (1988) 583
Lee, S.M., see K. Hagel 229 (1989) 20
Lee, T., The string in the SO($2N$) group manifold. The Wess–Zumino–Witten model with $K=2$ 217 (1989) 267

Lee, T.-S.H., see C. Fasano 217 (1989) 9
Leedy, R.E., see H.R. Band 218 (1989) 369
Leegte, H.K.W., see J. Wilczynski 220 (1989) 497
Leegte, H.K.W., see J.D. Binnefeld 225 (1989) 308
Leenen, M., see J.J. Aubert 218 (1989) 248
Lees, J.P., see C. Albajar 213 (1988) 405
Leffler, S., see S. Keh 212 (1988) 123
Leffler, S., see H. Janssen 228 (1989) 273
Legoff, J.M., see A. Magnon 222 (1989) 352
Legrain, R., see D. Lebrun 223 (1989) 139
Legrain, R., see K. Hagel 229 (1989) 20
Lehar, F., see N. Akchurin 229 (1989) 299
Lehto, M., H.B. Nielsen and M. Ninomiya, Time translational symmetry 219 (1989) 87
Leigh, W.J., Conformal invariance of a second-order spinor equation 220 (1989) 48
Leistam, L., see C. Baglin 225 (1989) 296
Leites, A., see W. Braunschweig 214 (1988) 286
Leites, D., see M. Chaichian 225 (1989) 347
Leith, D.W.G.S., see D. Aston 215 (1988) 199, 799
Lekebusch, R., see S. Keh 212 (1988) 123
Lekebusch, R., see H. Janssen 228 (1989) 273
Lemeilleur, F., E. Borchi, I. Fedder, E. Fretwurst, G. Lindstroem, F. Lamarche, C. Leroy, C. Furetta, R. Paludetto, S. Pensotti, P.G. Rancoita, C. Simeone, L. Vismara, A. Seidman, G. Barbiellini, A. Penzo, P. Giubellino, L. Ramello and L. Riccati, The local hardening effect on electromagnetic showers: a way for signal equalization in Si/high-Z hadron calorimeters 222 (1989) 518
Lemeilleur, F., see E. Borchi 222 (1989) 525
Lenske, H., see C. Bérat 218 (1989) 299
Lenti, V., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Leo, R.A. and G. Soliani, Incomplete Lie algebras generating integrable nonlinear field equations 222 (1989) 415
Leo, R.A., L. Martina and G. Soliani, Properties of a continuous SU(1,1) spin model 228 (1989) 95
León, J., J. Pérez-Mercader and M.F. Sánchez, The decoupling theorem in softly broken supersymmetric theories 221 (1989) 324
Leonardi, R., see E. Lipparini 212 (1988) 6
Leontaris, G.K. and D.V. Nanopoulos, Phenomenology of the hierarchical lepton mass spectrum in the flipped $SU(5)\times U(1)$ string model 212 (1988) 327
Leontaris, G.K., see I. Antoniadis 216 (1989) 333
Leontaris, G.K., see T.S. Kosmas 219 (1989) 457
Leontaris, G.K., see E.G. Floratos 220 (1989) 65; 223 (1989) 37, 153
Leontaris, G.K. and K. Tamvakis, Light neutrinos with large magnetic moments and the solar neutrino problem 224 (1989) 319
Lepeltier, V., see A. Antonelli 212 (1988) 133
Lepeltier, V., see M.H. Tixier 212 (1988) 523
Lepeltier, V., see D. Bisello 220 (1989) 321
Lerche, W., A.N. Schellekens and N.P. Warner, Ghost triality and superstring partition functions 214 (1988) 41
Lerche, W., see O. Lechtenfeld 227 (1989) 373

Lerda, A., see P. Di Vecchia 211 (1988) 301
Lerda, A., see M. Bochicchio 217 (1989) 451
Lerda, A., see M. Frau 228 (1989) 205
Leroy, C., see T. Åkesson 214 (1988) 295
Leroy, C., see F. Lemeilleur 222 (1989) 518
Leroy, C., see E. Borchi 222 (1989) 525
Leruste, Ph., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Lessard, L., see T. Åkesson 214 (1988) 295
Letessier-Selvon, A., see P. Astier 220 (1989) 646
Letessier-Selvon, A., see G. Roche 226 (1989) 228
Letson, T., see P. Avery 223 (1989) 470
Letson, T., see R. Fulton 224 (1989) 445
Letson, T., see W.-Y. Chen 226 (1989) 192
Letson, T., see M.S. Alam 226 (1989) 401
Leuchs, R., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Leucker, H., K. Becker, K. Blatt, W. Korsch, W. Luck, H.G. Völk, D. Fick, R. Butsch, H.J. Jänsch, H. Reich and Z. Moroz, Quasielastic scattering and subbarrier fusion of aligned ^{23}Na with ^{206}Pb 223 (1989) 277
Leurer, M. and J. Liu, Supernova implications for the magnetic transition moment of Majorana neutrinos 219 (1989) 304
Leutwyler, H., see J. Gasser 213 (1988) 85
Leutwyler, H. and M.A. Shifman, Goldstone bosons generate peculiar conformal anomalies 221 (1989) 384
Leutwyler, H., see G. Ecker 223 (1989) 425
Leutwyler, H., see J.L. Goity 228 (1989) 517
Levashev, V.P., Coulomb polarization corrections to the cross sections of nucleosynthesis at low energies 214 (1988) 493
Levchenko, B.B., see I.V. Ajinenko 222 (1989) 306
Levegrün, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Levi, A.R., see L. Castellani 220 (1989) 539
Levi, M.E., see A. Snyder 229 (1989) 169
Leviant, V., see E. Ivanov 215 (1988) 689; 221 (1989) 432
Levin, E.M., see B.L. Birbrair 222 (1989) 281
Levine, I., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Levinson, L., see D. Aston 215 (1988) 199, 799
Levit, S., see J. Besprosvany 217 (1989) 1
Levy, A., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Levy, A., Where are the missing $\nu^0\nu^{0\prime}$ in $\gamma\gamma$ reactions? 215 (1988) 421
Levy, J.-M., see P. Astier 220 (1989) 646
Lew, H., see R. Foot 212 (1988) 67; 217 (1989) 301; 226 (1989) 318
Lewin, J.D., see J. Ellis 212 (1988) 375
Lewis, J.D., see P. Avery 223 (1989) 470
Lewis, J.D., see R. Fulton 224 (1989) 445
Lewis, J.D., see W.-Y. Chen 226 (1989) 192
Lewis, J.D., see M.S. Alam 226 (1989) 401
Lewis, R.A., see A. Angelopoulos 212 (1988) 129
LeYaouanc, A., see E. Golowich 213 (1988) 521
Li, A., see J. Adler 227 (1989) 501

Li, B.-A., K.-F. Liu and M.-L. Yan, High energy elastic scattering of skyrmions 212 (1988) 108
Li, G.L., K.-F. Liu and G.E. Brown, Role of nuclear binding in the EMC effect 213 (1988) 531
Li, J., see T. Mori 218 (1989) 499
Li, J., see S.K. Kim 223 (1989) 476
Li, J., see E.H. Low 228 (1989) 548
Li, K. and N.P. Warner, Bosonic realization of $N=2$ super-conformal algebras 211 (1988) 101
Li, K., Catastrophe and (super-)conformal discrete series 219 (1989) 297
Li, S., see C. Albajar 213 (1988) 405
Li, W., Conformal symmetry of the Heisenberg model in two dimensions 214 (1988) 79
Li, W.C., see P. Avery 223 (1989) 470
Li, W.C., see R. Fulton 224 (1989) 445
Li, W.C., see W.-Y. Chen 226 (1989) 192
Li, W.C., see M.S. Alam 226 (1989) 401
Li, X. and D. Wu, Charmful baryonic B meson decays 218 (1989) 357
Li, X., Towards a realistic Einstein-gauge cosmology 220 (1989) 509
Li, X.-Q., see C.-H. Chang 227 (1989) 479
Li, Y.K., see T. Mori 218 (1989) 499
Li, Y.K., see S.K. Kim 223 (1989) 476
Li, Y.K., see E.H. Low 228 (1989) 548
Liberman, S., see H.T. Duong 217 (1989) 401
Lichard, P., see I. Horváth 214 (1988) 237
Lichtenstadt, J., see D. Ashery 215 (1988) 41
Lichtenstadt, J., J. Alster, M.A. Moinester, J. Dubach, R.S. Hicks, G.A. Peterson and S. Kowalski, High momentum transfer longitudinal and transverse form factors of the ^{7}Li ground-state doublet 219 (1989) 394
Liddle, A.R., Power-law inflation with exponential potentials 220 (1989) 502
Lie, D.-P., see B.-Y. Hou 229 (1989) 45
Lieb, K.P., H.G. Börner, M.S. Dewey, J. Jolie, S.J. Robinson, S. Ulbig and Ch. Winter, Doppler shift attenuation lifetime measurements in ^{54}Cr following thermal neutron capture 215 (1988) 50
Liechti, J., see S. Kistryn 219 (1989) 58
Lietava, R., see I. Horváth 214 (1988) 237
Lifshitz, M. and P. Singer, High-multiplicity neutron emission from muon capture 215 (1988) 607
Liguori, C., see E. Bellotti 221 (1989) 209
Likhachev, V.P., see N.A. Burkova 223 (1989) 136
Likhoded, A.K., see P.V. Chliapnikov 215 (1988) 417
Liko, D., see E. Andersen 220 (1989) 328
Lim, C.S., T. Morozumi and A.I. Sanda, A prediction for $d\Gamma(b\to s\ell\ell)/dq^2$ including the long distance effects 218 (1989) 343
Lim, C.S., *CP* asymmetry in B decay induced by a light Higgs 223 (1989) 405
Lim, J., see T. Mori 218 (1989) 499
Lim, J., see S.K. Kim 223 (1989) 476
Lim, J., see E.H. Low 228 (1989) 548
Lin, Z.-H. and S.T. Jones, Five-particle one-loop closed string amplitudes and supersymmetry relations 217 (1989) 71
Linck, I., see C. Baglin 220 (1989) 471
Linde, A.D., Life after inflation 211 (1988) 29

Linde, A.D. and M.I. Zelnikov, Inflationary universe with fluctuating dimension 215 (1988) 59
Linde, A.D., Life after inflation and the cosmological constant problem 227 (1989) 352
Lindenstruth, S., see C. Wesselborg 211 (1988) 500
Lindfors, J., see K.J. Eskola 214 (1988) 613
Lindgren, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Lindner, A., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Lindner, M., see C.H. Albright 213 (1988) 347
Lindner, M., M. Sher and H.W. Zaglauer, Probing vacuum stability bounds at the Fermilab collider 228 (1989) 139
Lindstroem, G., see F. Lemeilleur 222 (1989) 518
Lindstrom, P.J., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Lindström, U. and M. Roček, A super-Weyl-invariant spinning membrane 218 (1989) 207
Lindström, U., Deriving Polyakov's rigid string from a membrane 218 (1989) 315
Lindström, U., see J. Grundberg 218 (1989) 321
Lindström, U., M. Roček, W. Siegel, P. van Nieuwenhuizen and A.E. van de Ven, Lorentz-covariant quantization of the superparticle 224 (1989) 285
Lindström, U., see S.J. Gates Jr. 225 (1989) 44
Lindström, U., M. Roček, W. Siegel, P. van Nieuwenhuizen and A.E. van de Ven, Gauge-fixing redundant symmetries in the superparticle 228 (1989) 53
Linglin, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Link, R., BRST quantization of nonabelian chiral bosons 216 (1989) 145
Lipa, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Lipa, P., see B. Buschbeck 215 (1988) 788
Lipa, P. and B. Buschbeck, From strong to weak intermittency 223 (1989) 465
Lipari, P., see S.M. Barr 214 (1988) 147
Lipas, P.O., M. Koskinen, H. Harter, R. Nojarov and A. Faessler, Magnetic dipole transitions and spin currents in inelastic electron scattering 230 (1989) 1
Lipkin, H.J., Flavor symmetry, EMC results and the spin content of the proton 214 (1988) 429
Lipkin, H.J., Selection rules for production and η–π decays of odd-CP exotics 219 (1989) 99
Lipkin, H.J., Simple symmetries in EPR-correlated decays of kaon and B-meson pairs with CP violation 219 (1989) 474
Lipkin, H.J., The Alexander–Zweig (OZI) in multiparticle production. Are there strange quarks in nucleons and pions? 225 (1989) 287
Lipkin, H.J., Hyperon decays, EMC results and the spin structure of the proton 230 (1989) 135
Lipparini, E., S. Stringari and R. Leonardi, Isospin effects and dynamic correlations in inclusive muon capture in $N \neq Z$ nuclei 212 (1988) 6
Lisenfeld, U., see H.G. Dosch 219 (1989) 493
Lisi, E., see G.L. Fogli 228 (1989) 389
Lisle, J.C., see A.M. Bruce 215 (1988) 237
Lisle, J.C., see K. Schiffer 219 (1989) 52
Lisle, J.C., see S.J. Freeman 222 (1989) 347
Lissauer, D., see T. Åkesson 214 (1988) 295
List, W., see R. Bertini 228 (1989) 531
Litke, A.M., see S. Keh 212 (1988) 123
Litke, A.M., see H. Janssen 228 (1989) 273
Litke, A.M., see A. Snyder 229 (1989) 169

Liu, B.-G., Dilaton vertices of the closed superstring and the heterotic string 213 (1988) 21
Liu, J., Neutrino magnetic transition moment in the Zee model 216 (1989) 367
Liu, J., see M. Leurer 219 (1989) 304
Liu, J., L. Mezincescu and R.I. Nepomechie, Riemann-double construction for spinning string propagators 224 (1989) 265
Liu, J., Neutrino magnetic moment in the $SU(3)_L \times U(1)$ model 225 (1989) 148
Liu, K.-F., see B.-A. Li 212 (1988) 108
Liu, K.-F., see G.L. Li 213 (1988) 531
Liu, L.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Liu, Y., see Q. Dai 226 (1989) 180
Liu, Y.-L. and G.-J. Ni, The bosonic open string field theory with Wess–Zumino term 217 (1989) 421
Liu, Y.-L. and G.-J. Ni, The realization of Virasoro and Kac–Moody superalgebras on genus-g Riemann surfaces 220 (1989) 99
Liu, Z.H., see H. Zhang 218 (1989) 133
Liu, Z.H., see D.G. Sarantities 218 (1989) 427
Liuti, S., see C. Ciofi degli Atti 225 (1989) 215
Livan, M., see R. Ansari 215 (1988) 175
Llewellyn Smith, C.H., see N. Isgur 217 (1989) 535
Lobashev, V.M., see A.S. Barabash 223 (1989) 273
Lobov, G.A., see Yu.G. Abov 217 (1989) 225
Locci, E., see C. Albajar 213 (1988) 405
Locher, M.P., see J. Gasser 213 (1988) 85
Lockman, W., see S. Keh 212 (1988) 123
Lockman, W., see H. Janssen 228 (1989) 273
Lockman, W.S., see J. Adler 227 (1989) 501
Lockyer, N.S., see A. Snyder 229 (1989) 169
Lodi Rizzini, E., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Loebinger, F.K., see S. Bethke 213 (1988) 235
Logan, B.A., see R. Horvat 214 (1988) 490
Lohmann, W., see A.C. Benvenuti 223 (1989) 485, 490
Löhner, H., see R. Albrecht 221 (1989) 427
Löhr, B., see W. Braunschweig 214 (1988) 286
Lohrmann, E., see W. Braunschweig 214 (1988) 286
Loireleux, E., see N. Willis 229 (1989) 33
Loiseau, B., see P. La France 214 (1988) 317
Lo Iudice, N. and A. Richter, Orbital magnetic dipole excitations in deformed nuclei and the scissors mode 228 (1989) 291
Łojewski, Z. and A. Góźdź, Mean-field mass parameters for odd nuclei within the GOA+GCM approach 213 (1988) 107
Lokanathan, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Loken, J., see M. Arneodo 211 (1988) 493
Loll, R., see V. Aldaya 225 (1989) 340
Lolos, G.J., see Z. Papandreou 227 (1989) 25
Lolos, G.J., see P. Weber 230 (1989) 31
Lombardo, M.P., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Lombardo, U., see M. Baldo 215 (1988) 19
London, D. and R.D. Peccei, Penguin effects in hadronic B asymmetries 223 (1989) 257

London, G., see T. Åkesson 214 (1988) 295
Long, K., see M. Arneodo 211 (1988) 493
Long, S., see M.A. Moinester 230 (1989) 41
Longacre, R., see A. Shor 218 (1989) 100
Longo, E., see J.V. Allaby 213 (1988) 554
Longuemare, C., see Ch. Berger 227 (1989) 489
Loos, J.S., see S. Abachi 212 (1988) 533
Lopez, J., see H.-W. Barz 211 (1988) 10
López, J.A. and G. Lübeck, Nuclear spinodal decomposition 219 (1989) 215
Lopez, J.L., see H. Dreiner 216 (1989) 283
Lopez, J.L., see L. Durand 217 (1989) 463
Lopez, J.L., see A.E. Faraggi 221 (1989) 337
López, M.J., see C. García-Recio 222 (1989) 329
Lopez Castro, G. and J. Pestieau, Isospin violation in heavy quark pseudoscalar currents 222 (1989) 459
Lopiano, D., see G. Pauletta 211 (1988) 19
Lopiano, D., see N. Akchurin 229 (1989) 299
Lord, J., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Lordong, N., see S. Egli 222 (1989) 533
Lorenz, E., G. Mageras, U. Stiegler and I. Huszár, Search for narrow resonance production in Bhabha scattering at center-of-mass energies near 1.8 MeV 214 (1988) 10
Lörstad, B., see T. Åkesson 214 (1988) 295
Losev, A., A. Morozov, A. Rosly and S. Shatashvili, String operator formalism and functional integral in holomorphic representation 216 (1989) 94
Losev, A., Once more on β, γ systems 226 (1989) 62
Losev, A., Calculation of chiral determinants and multiloop amplitudes by cutting and sewing method 226 (1989) 67
Losty, M.J., see J.C. Anjos 223 (1989) 267
Lou, X.C., see P. Avery 223 (1989) 470
Lou, X.C., see R. Fulton 224 (1989) 445
Lou, X.C., see W.-Y. Chen 226 (1989) 192
Lou, X.C., see M.S. Alam 226 (1989) 401
Lou, Y., see M. Gonin 217 (1989) 406
Loucatos, S., see R. Ansari 215 (1988) 175
Loude, J.F., see R.E. Breedon 216 (1989) 459
Louko, J. and T. Vachaspati, On the Vilenkin boundary condition proposal in anisotropic universes 223 (1989) 21
Lounis, A., see T. Åkesson 214 (1988) 295
Lourenço, C., see C. Baglin 220 (1989) 471
Lourens, W., see G. Kernel 216 (1989) 244; 225 (1989) 198
Loustó, C.O. and N. Sánchez, Back reaction effects in black hole spacetimes 212 (1988) 411
Loustó, C.O. and N. Sánchez, Gravitational shock waves of ultra-high energetic particles on curved spacetimes 220 (1989) 55
Louvel, M., see K. Hagel 229 (1989) 20
Lovas, I. and K. Sailer, Chiral invariant lagrangian for quantum hadrodynamics 220 (1989) 229
Love, A., see D. Bailin 212 (1988) 23; 219 (1989) 76
Loveless, R., see T.J. Phillips 224 (1989) 348
Loverre, P.F., see J.V. Allaby 213 (1988) 554

Lovhoiden, G., see E. Andersen 220 (1989) 328
Low, E.H., see S. Abachi 212 (1988) 533; 226 (1989) 405
Low, E.H., see A. Bacala 218 (1989) 112
Low, E.H., see T. Mori 218 (1989) 499
Low, E.H., see S.K. Kim 223 (1989) 476
Low, E.H., Y.T. Xu, A. Abashian, K. Gotow, K.P. Hu, M.E. Mattson, L. Piilonen, K.L. Sterner, R. Imlay, P. Kirk, J. Lim, R.R. McNeil, W. Metcalf, S.S. Myung, C.P. Cheng, P. Gu, J. Li, Y.K. Li, Z.P. Mao, Y.C. Zhu, S. Lusin, C. Rosenfeld, A.T.M. Wang, S. Wilson, M. Frautschi, H. Kagan, R. Kass, C.G. Trahern, R.E. Breedon, G.N. Kim, W. Ko, R.L. Lander, K. Maeshima, R.L. Malchow, J.R. Smith, K. Sparks, D. Stuart, M.C.S. Williams, K. Abe, Y. Fujii, Y. Higashi, S.K. Kim, Y. Kurihara, A. Maki, T. Nozaki, T. Omori, H. Sagawa, Y. Sakai, Y. Sugimoto, Y. Takaiwa, S. Terada, R. Walker, F. Kajino, D. Perticone, R. Poling, T. Thomas, Y. Ishi, K. Miyano, H. Miyata, T. Sasaki, Y. Yamashita, A. Bacala, I.H. Park, F. Sannes, S. Schnetzer, R. Stone, J. Vinson, P. Auchincloss, D. Blanis, A. Bodek, H. Budd, S. Eno, C.A. Fry, H. Harada, Y.H. Ho, Y.K. Kim, T. Kumita, T. Morr, S.L. Olsen, N.M. Shaw, A. Sill, E.H. Thorndike, K. Ueno, H.W. Zheng, H. Itoh, S. Kobayashi, A. Murakami, K. Toyoshima, J.S. Kang, H.J. Kim, M.H. Lee, D.H. Han, E.J. Kim, D. Son, T. Kojima, S. Matsumoto, R. Tanaka, Y. Yamagishi, T. Yasuda, H. Yokota, T. Ishizuka and K. Ohta, Search for non-minimal Higgs production in e^+e^- annihilations at $\sqrt{s} \simeq 56$ GeV 228 (1989) 548
Löw, U., see S. Güsken 227 (1989) 266
Lowe, J., see G. Kernel 216 (1989) 244; 225 (1989) 198
Lowe, S., see S. Keh 212 (1988) 123
Lowe, S., see H. Janssen 228 (1989) 273
Lozano, M., see C.E. Alonso 212 (1988) 1
Lu, G., see W.-C. Kuo 214 (1988) 253
Lu, J., see H. Zhang 218 (1989) 133
Lu, L., see S.J. Gates Jr. 218 (1989) 33
Lu, S., On modular invariant partition functions in non-unitary theories 218 (1989) 46
Lübeck, G., see J.A. López 219 (1989) 215
Lubimov, V., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Lubrano, P., see R. Fulton 224 (1989) 445
Lubrano, P., see W.-Y. Chen 226 (1989) 192
Luck, W., see H. Leucker 223 (1989) 277
Lücking, B., see S. Barlag 218 (1989) 374
Luehring, F.C., see N. Akchurin 229 (1989) 299
Lüers, D., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Lui, Y.-W., see H. Utsunomiya 211 (1988) 24
Łukasik, J., see K. Grotowski 223 (1989) 287
Lüke, D., see W. Braunschweig 214 (1988) 286
Lukicheva, N.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Lukierski, J. and A. Nowicki, General superspaces from supertwistors 211 (1988) 276
Lukierski, J., see M. Chaichian 212 (1988) 461; 222 (1989) 72; 225 (1989) 347
Lukierski, J., see S. Aoyama 216 (1989) 133
Lukierski, J., see Z. Hasiewicz 217 (1989) 95
Luminari, L., see J.V. Allaby 213 (1988) 554

Lund, I., see R. Albrecht 221 (1989) 427
Lundby, A., see C. Baglin 225 (1989) 296
Lung, A., see R.C. Walker 224 (1989) 353
Lurz, B., see S. Keh 212 (1988) 123
Lurz, B., see H. Janssen 228 (1989) 273
Lüscher, H., see S. Kistryn 219 (1989) 58
Lüscher, M. and P. Weisz, Is there a strong interaction sector in the standard lattice Higgs model? 212 (1988) 472
Lusignoli, M. and S. Petrarca, Exotic Higgs production at e^+e^- colliders 226 (1989) 397
Lusin, S., see A. Bacala 218 (1989) 112
Lusin, S., see T. Mori 218 (1989) 499
Lusin, S., see S.K. Kim 223 (1989) 476
Lusin, S., see E.H. Low 228 (1989) 548
Lüst, D., see S. Ferrara 225 (1989) 363
Lüst, D. and S. Theisen, Superstring partition functions and the characters of exceptional groups 227 (1989) 367
Luste, G.J., see J.C. Anjos 223 (1989) 267
Lüth, V., see S. Barlag 218 (1989) 374
Lüth, V., see A. Snyder 229 (1989) 169
Lütjens, G., see S. Barlag 218 (1989) 374
Lütken, C.A. and G.G. Ross, Taxonomy of heterotic superconformal field theories 213 (1988) 152
Lütken, C.A. and G.G. Ross, Symmetries and couplings in heterotic superconformal field theories 214 (1988) 357
Lütken, C.A., see J.I. Latorre 222 (1989) 55
Lutz, A.M., see G.D. Barr 214 (1988) 303
Lutz, G., see S. Barlag 218 (1989) 374
Lynch, W.G., see D.E. Fields 220 (1989) 356
Lynch, W.G., see M.B. Tsang 220 (1989) 492
Lynker, M. and R. Schimmrigk, On the spectrum of (2,2) compactification of the heterotic string on conformal field theories 215 (1988) 681

Ma, E., see K.S. Babu 218 (1989) 233; 228 (1989) 508
Ma, R., see A.J. Kreiner 215 (1988) 629
Ma, W., see Q. Dai 226 (1989) 180
Ma, W.C., see H. Emling 217 (1989) 33
Maalampi, J., A model for a large electric dipole moment of the neutron 214 (1988) 609
Maalampi, J., J.T. Peltoniemi and M. Roos, The magnetic moment of the electron neutrino in mirror models 220 (1989) 441
Maalampi, J., see K. Enqvist 222 (1989) 453
Maalampi, J. and M. Roos, Consequences of an electron neutrino in the few-eV range 226 (1989) 127
Maalampi, J. and M. Roos, Distortion of the cosmic background radiation by radiative neutrino decay in a left–right symmetric model 229 (1989) 388
Macbeth, A.A., see S. Bethke 213 (1988) 235
MAC Collaboration, see H.R. Band 218 (1989) 369
MacFarlane, D.B., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
MacGrath, R., see K. Hagel 229 (1989) 20
Mach, H., M. Moszyński, R.L. Gill, F.K. Wohn, J.A. Winger, J.C. Hill, G. Molnár and K. Sistemich, Deformation and shape coexistence of 0^+ in ^{98}Sr and ^{100}Zr 230 (1989) 21
Macii, R., see E. Borchi 222 (1989) 525
Mackenzie, P.B., An improved hybrid Monte Carlo method 226 (1989) 369
MacKenzie, R., see A.S. Goldhaber 214 (1988) 471
MacNaughton, J., see E. Andersen 220 (1989) 328
Macri, M., see C. Baglin 225 (1989) 296
Madansky, L., see G. Roche 226 (1989) 228
Mädler, P., see A. Pfitzner 218 (1989) 295
Madore, J., see M. Dubois-Violette 217 (1989) 485
Madsen, B., see R. Ansari 215 (1988) 175
Madsen, M.S., see D.H. Coule 226 (1989) 31
Maeda, I., see C. Ohmori 230 (1989) 27
Maeda, Y., see S. Aoki 224 (1989) 441
Maeno, M., Geometry independence of three string vertices 216 (1989) 81
Maeshima, K., see A. Bacala 218 (1989) 112
Maeshima, K., see T. Mori 218 (1989) 499
Maeshima, K., see S.K. Kim 223 (1989) 476
Maeshima, K., see E.H. Low 228 (1989) 548
Mageras, G., see E. Lorenz 214 (1988) 10
Maggiora, A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Maggiore, M., see P. Hasenfratz 220 (1989) 215
Maggiore, M., see M. Campostrini 225 (1989) 403
Magnon, A., M. Bernheim, M.K. Brussel, G.P. Capitani, E. de Sanctis, S. Frullani, F. Garibaldi, A. Gerard, H.E. Jackson, J.M. Legoff, C. Marchand, Z.E. Meziani, J. Morgenstern, J. Picard, D. Reffay, S. Turck-Chieze, P. Vernin and A. Zghiche, A study of the electrodisintegration reaction ^{4}He(e, e′p)^{3}H with transverse longitudinal separation 222 (1989) 352
Magnussen, N., see S. Bethke 213 (1988) 235
Magradze, B.A., see V.Sh. Gogokhia 217 (1989) 162
Mahanta, U., Critical behavior in quenched QED to all orders in the coupling 225 (1989) 181

Mahapatra, S., $SU(3)\times SU(2)\times U(1)^n$ from a Z_4 orbifold model 223 (1989) 47
Maharana, J., Ward identities in four-dimensional string theory 211 (1988) 431
Maher, C., see P.D. Barnes 229 (1989) 432
Maia Jr., A., see W.A. Rodrigues Jr. 220 (1989) 195
Maiani, L., see M.B. Gavela 211 (1988) 139
Maiani, L., see A. Borrelli 221 (1989) 360
Maier, K., see R. Medenwaldt 227 (1989) 483
Maier, K.H., see E.M. Beck 215 (1988) 624
Maier, K.H., see A.P. Byrne 217 (1989) 38
Maier, K.H., see N. Roy 221 (1989) 6
Maier, Th., see S. Kistryn 219 (1989) 58
Maillet, J.M., see J. Avan 211 (1988) 329
Maillet, J.M. and A.J. Niemi, Topological Yang–Mills theory is abelian chiral anomaly in superspace 223 (1989) 195
Maillet, J.M. and F.W. Nijhoff, Integrability for multidimensional lattice models 224 (1989) 389
Maillet, J.M. and F. Nijhoff, Gauging the quantum groups 229 (1989) 71
Maina, E., Matter density and magnetic field effects on massive Dirac neutrino propagation 227 (1989) 133
Maio, A., see C. Baglin 220 (1989) 471
Maire, M., see M. Arneodo 211 (1988) 493
Maire, M., see J.J. Aubert 218 (1989) 248
Majerotto, W., see A. Bartl 216 (1989) 233
Majka, Z., see M.B. Tsang 220 (1989) 492
Majoras, R., see T. Kitagaki 214 (1988) 281
Majumdar, P., see S.J. Gates Jr. 214 (1988) 26; 226 (1989) 237
Mak, K.W., see R. Kobes 223 (1989) 433
Makeenko, Yu.M., Polygon discretization of the loop-space equation 212 (1988) 221
Makeenko, Yu.M., see M.B. Halpern 218 (1989) 230
Mäkelä, J., see I.V. Ajinenko 222 (1989) 306
Makhshoush, K. and C.J. Maxwell, On the proportionality of $2\rightarrow 3$ QCD parton–parton subprocesses 212 (1988) 95
Maki, A., see A. Bacala 218 (1989) 112
Maki, A., see T. Mori 218 (1989) 499
Maki, A., see S.K. Kim 223 (1989) 476
Maki, A., see E.H. Low 228 (1989) 548
Maki, A., see N. Akchurin 229 (1989) 299
Makino, S., see N. Akchurin 229 (1989) 299
Makowka, M., see D. Cangemi 211 (1988) 107
Malamant, A., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Malamud, E., see R.E. Breedon 216 (1989) 459
Malchow, R.L., see A. Bacala 218 (1989) 112
Malchow, R.L., see T. Mori 218 (1989) 499
Malchow, R.L., see S.K. Kim 223 (1989) 476
Malchow, R.L., see E.H. Low 228 (1989) 548
Malecki, A., The real and imaginary part of the elastic scattering amplitude in high energy diffraction 221 (1989) 191
Malecki, P., see M. Arneodo 211 (1988) 493
Malfliet, R., see W. Botermans 215 (1988) 617

Malfliet, R., see F. de Jong 220 (1989) 485
Malik, R.P., BRST quantization of the chiral Schwinger model 212 (1988) 445
Malkin, N., see A. Giveon 220 (1989) 551
Mallik, U., see J. Adler 227 (1989) 501
Malos, J., see S. Barlag 218 (1989) 374
Maltman, K.R., see T. Goldman 228 (1989) 396
Mandal, G., Quantization of degenerate vacua and symmetry breaking in string theory 220 (1989) 533
Mandal, S.S., see M.N. Sinha-Roy 217 (1989) 369
Mandelkern, M., see A. Angelopoulos 212 (1988) 129
Mane, F., see A. Antonelli 212 (1988) 133
Mane, F., see M.H. Tixier 212 (1988) 523
Mane, F., see D. Bisello 220 (1989) 321
Mangano, M. and M. Porrati, Properties of supersymmetry breaking via gravitino condensation 215 (1988) 317
Mango, S., see R. Bertini 228 (1989) 531
Mangotra, L.K., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Mańka, R., J. Sladkowski and G. Vitiello, Boson condensation in superstring-inspired models 222 (1989) 31
Mańka, R. and J. Sladkowski, Spectral geometry and compactification of multidimensional electrodynamics 224 (1989) 97
Mankel, R., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Mankiewicz, L., see L.L. Frankfurt 230 (1989) 141
Mann, A.K., see K.S. Hirata 220 (1989) 308
Mann, L.G., see N. Roy 221 (1989) 6
Mann, L.G., see H. Kader 227 (1989) 325
Mannelli, I., see G.D. Barr 214 (1988) 303
Männer, W., see S. Barlag 218 (1989) 374
Manohar, A.V., see R.S. Chivukula 217 (1989) 568; 222 (1989) 258
Manohar, A.V., Spin dependent photon structure functions 219 (1989) 357
Manohar, A.V., see A.G. Cohen 222 (1989) 91
Manohar, A.V., see R.L. Jaffe 223 (1989) 218
Mansfield, P., see D. Lancaster 217 (1989) 416
Mansfield, P., see T.J. Hollowood 226 (1989) 73
Mansoulié, B., see R. Ansari 215 (1988) 175
Mansouri, F., see A. Bhattacharyya 224 (1989) 384
Manton, N.S. and T.M. Samols, Radiation from monopole scattering 215 (1988) 559
Manton, N.S., see M.F. Atiyah 222 (1989) 438
Mantovani, G.C., see R. Ansari 215 (1988) 175
Mantsch, P.M., see J.C. Anjos 223 (1989) 267
Manz, A., see M. Arneodo 211 (1988) 493
Mao, S.W., see T. Kitagaki 214 (1988) 281
Mao, Z.P., see A. Bacala 218 (1989) 112
Mao, Z.P., see T. Mori 218 (1989) 499
Mao, Z.P., see S.K. Kim 223 (1989) 476
Mao, Z.P., see E.H. Low 228 (1989) 548
Mapelli, L., see R. Ansari 215 (1988) 175

Marage, P., see J. Guy 229 (1989) 421
Marangoni, M., see M. Cavinato 213 (1988) 111
March, R., see T.J. Phillips 224 (1989) 348
Marchand, C., see A. Magnon 222 (1989) 352
Marchetto, F., see C. Baglin 225 (1989) 296
Marcu, M., see T. Filk 217 (1989) 505
Marcu, M., see H.G. Evertz 221 (1989) 143
Marcus, N., Unitarity and regularized divergences in string amplitudes 219 (1989) 265
Mardor, Y., see P. Weber 230 (1989) 31
Margolis, B., P. Valin, M.M. Block, F. Halzen and R.S. Fletcher, Forward scattering amplitudes in semi-hard QCD 213 (1988) 221
Marguier, G., see P. Baumann 228 (1989) 458
Margvelashvili, M.V., Calculation of the axial form factor of the decay $\pi \to e\nu\gamma$ by means of QCD sum rules 215 (1988) 763
Marinari, E., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Marinari, E., see L.A. Fernández 217 (1989) 309
Marinari, E., see M. Bernaschi 228 (1989) 383
Marini, G., see H. Cobbaert 213 (1988) 395
Marini Bettolo Marconi, U., see L.A. Fernández 217 (1989) 314
Markhorst, E., see I.V. Ajinenko 222 (1989) 306
Markiewicz, T., see C. Albajar 213 (1988) 405
Mark III Collaboration, see J. Adler 227 (1989) 501
Markou, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Markov, M.A., see V.P. Frolov 216 (1989) 272
Markum, H., see W. Feilmair 221 (1989) 363
Markytan, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Marlow, D., see S. Keh 212 (1988) 123
Marlow, D., see H. Janssen 228 (1989) 273
Marmo, G., see G. Landi 215 (1988) 338
Marmo, G., see S. De Filippo 220 (1989) 576
Marquard, U. and M. Scholl, Lorentz algebra and critical dimension for the bosonic membrane 227 (1989) 227
Marquard, U., R. Kaiser and M. Scholl, Lorentz algebra and critical dimension for the supermembrane 227 (1989) 234
Marquina, M.A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Marshakov, A.V., see V.Ya. Fainberg 211 (1988) 81
Marshakov, A.V., Dotsenko–Fateev representation for Wess–Zumino–Witten models 224 (1989) 141
Marshall, G.M., see G. Reifenröther 214 (1988) 325
Marshall, G.M., see M. Doser 215 (1988) 792
Marshall, G.M., see B. May 225 (1989) 450
Marshall, R., see S. Bethke 213 (1988) 235
Marshall, R., see R.H. Dalitz 215 (1988) 783
Marshall, R.M., see J.F. Crawford 213 (1988) 391
Marsiske, H., see S. Keh 212 (1988) 123
Marsiske, H., see H. Janssen 228 (1989) 273
Martellini, M. and P. Teofilatto, Global structure of the superstring partition function and resolution of the supermoduli measure ambiguity 211 (1988) 293

Martellini, M., see F. Cotta-Ramusino 215 (1988) 331
Martellini, M., see L. Bonora 218 (1989) 153
Martellini, M., see E. Guadagnini 227 (1989) 111; 228 (1989) 489
Martellotti, G., see H. Cobbaert 213 (1988) 395
Martin, A., Collapse of systems of relativistic particles 214 (1988) 561
Martin, A., The mass of the cs̄ P state 223 (1989) 103
Martin, A.D., see C.S. Kim 225 (1989) 186
Martin, A.D., see E.W.N. Glover 226 (1989) 393
Martin, A.D., see K. Hagiwara 228 (1989) 144
Martin, A.D., W.J. Stirling and R.G. Roberts, Charm quark contribution to the W and Z cross sections at $p\bar{p}$ colliders 228 (1989) 149
Martin, A.J., see W. Braunschweig 214 (1988) 286
Martin, C., D. Vautherin and J. Cugnon, Energy deposition by dynamical pair production in ultrarelativistic collisions 227 (1989) 301
Martín, C.P., see J.A. Alonso 215 (1988) 743
Martin, C.P., see E. Bagan 223 (1989) 187
Martin, J., see L. Jammes 227 (1989) 21
Martin, J., see G. Audit 227 (1989) 331
Martin, J.F., see J.C. Anjos 223 (1989) 267
Martin, P., see C. Bérat 218 (1989) 299
Martin, P., see D. Lebrun 223 (1989) 139
Martin, S.P., see G.T. Horowitz 215 (1988) 291; 218 (1989) 309
Martina, L., see R.A. Leo 228 (1989) 95
Martinec, E.J., Algebraic geometry and effective lagrangians 217 (1989) 431
Martinelli, G., see M.B. Gavela 211 (1988) 139
Martinelli, G. and C.T. Sachrajda, The quark distribution amplitude of the proton: a lattice computation of the lowest two moments 217 (1989) 319
Martinelli, G., see Ph. Boucaud 220 (1989) 219
Martinelli, G., see M. Crisafulli 223 (1989) 90
Martorell, J., see P. Sarriguren 228 (1989) 285
Martyn, H.-U., see W. Braunschweig 214 (1988) 286
Maruhn, J.A., see J. Fink 218 (1989) 277
Maruhn, J.A., see V. Blum 223 (1989) 123
Maruyama, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Maruyama, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Maruyama, M., T. Gutsche, G. Strobel, A. Faessler and E.M. Henley, Present status of the description of the $\rho\pi$ puzzle with explicit consideration of the initial state interaction 215 (1988) 223
Maruyama, T., see H.R. Band 218 (1989) 369
Maruyama, T. and T. Suzuki, Isoscalar giant monopole states of finite nuclei in the σ–ω model 219 (1989) 43
Marx, M., see R. Büchle 213 (1988) 125
Marzano, F., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Marzari-Chiesa, A., see T. Åkesson 214 (1988) 295
Marzari-Chiesa, A., see S. Aoki 224 (1989) 441
Mas, J., see J. Lauer 226 (1989) 251
Masaike, A., see G. Pauletta 211 (1988) 19
Masaike, A., see N. Akchurin 229 (1989) 299

Masala, M., see F. Balestra 230 (1989) 36
Maschmann, W., see S. Keh 212 (1988) 123
Maschmann, W., see H. Janssen 228 (1989) 273
Maselli, S., see M. Arneodo 211 (1988) 493
Masera, M., see T. Åkesson 214 (1988) 295
Masera, M., see S. Aoki 224 (1989) 441
Masiero, A. and G. Ridolfi, b→s+γ and b→s+g in $N=1$ supergravity theories 212 (1988) 171
Masiero, A. and G. Ridolfi, b→s+γ and b→s+γ in $N=1$ supergravity theories, Phys. Lett. B 212 (1988) 171. Addendum 213 (1988) 562
Masiero, A., see F. Gabbiani 214 (1988) 398
Masiero, A., see S.A. Bonometto 222 (1989) 433
Masiero, A., see K. Enqvist 222 (1989) 453
Masip, M., see F. del Aguila 227 (1989) 55
Maslennikova, N.V., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Massey, T.N., see H. Kader 227 (1989) 325
Massó, E., see J.A. Grifols 215 (1988) 593; 220 (1989) 591
Masuda, H., see I. Adachi 218 (1989) 105
Matheson, A.M., see R.H. Brandenberger 218 (1989) 304
Mathieu, P., see C.-A. Laberge 215 (1988) 718
Mathieu, P., Representation of the SO(N) and U(N) superconformal algebras via Miura transformations 218 (1989) 185
Mathieu, P., see B.A. Kupershmidt 227 (1989) 245
Mathiot, J.-F., see T.E.O. Ericson 219 (1989) 507
Mathur, S.D., S. Mukhi and A. Sen, On the classification of rational conformal field theories 213 (1988) 303
Mathur, S.D. and A. Sen, Differential equation for genus-two characters in arbitrary rational conformal field theories 218 (1989) 176
Matinyan, S.G., see I.G. Aznauryan 214 (1988) 637
Matis, H.S., see G. Roche 226 (1989) 228
Matone, M., see L. Bonora 216 (1989) 313; 224 (1989) 115
Matsinos, E., see J. Guy 229 (1989) 421
Matsuda, S. and T. Uematsu, Chiral superspace formulation of $N=4$ superconformal algebras 220 (1989) 413
Matsuda, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553
Matsuda, T., see C. Ohmori 230 (1989) 27
Matsui, T., see K. Abe 213 (1988) 400
Matsui, T., see D. Aston 215 (1988) 199, 799
Matsuki, S., see R. De Leo 226 (1989) 5
Matsuki, T. and W.W. Wada, Equal-time anticommutator of the BRST current for the bosonic string and the critical dimension 222 (1989) 395
Matsumoto, S., see A. Bacala 218 (1989) 112
Matsumoto, S., see T. Mori 218 (1989) 499
Matsumoto, S., see S.K. Kim 223 (1989) 476
Matsumoto, S., see E.H. Low 228 (1989) 548
Matsuo, Y., see T. Inami 215 (1988) 701
Matsuo, Y., Remarks on fractal W-gravity 227 (1989) 209
Matsuoka, N., see R. De Leo 226 (1989) 5
Matsuoka, N., see H. Okamura 227 (1989) 204

Matsushita, K., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Matsuura, T., S.C. van der Marck and W.L. van Neerven, The order α_s^2 contribution to the *K*-factor of the Drell–Yan process 211 (1988) 171
Matsuyama, T., see Y. Hoshino 222 (1989) 493
Matsuyama, T., Canonical structures and Bose–Fermi transmutations in (2+1)-dimensional U(1) gauge theories 228 (1989) 99
Mattera, M., see C. Baglin 225 (1989) 296
Matthews, C.G., see J. Adler 227 (1989) 501
Matthews, J., see T.J. Phillips 224 (1989) 348
Matthews, J.A.J., see A. Snyder 229 (1989) 169
Matthiesen, U., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205
Mättig, P., see W. Braunschweig 214 (1988) 286
Mattson, M.E., see T. Mori 218 (1989) 499
Mattson, M.E., see S.K. Kim 223 (1989) 476
Mattson, M.E., see E.H. Low 228 (1989) 548
Matulenko, Yu.A., see N. Akchurin 229 (1989) 299
Matveev, V., see H. Albrecht 211 (1988) 489
Maung, K.M., see F. Gross 229 (1989) 188
Maurel, M., see J.A. Pinston 218 (1989) 128
Maurin, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Mauser, G., see K. Reiner 228 (1989) 31
Mavromatis, H., see Th. Meissner 214 (1988) 312
Mavromatos, N.E. and J.L. Miramontes, Zamolodchikov's *c*-theorem and string effective actions 212 (1988) 33
Mavromatos, N.E. and J.L. Miramontes, Finite size scaling, Zamolodchikov's *c*-theorem and the *S*-matrix 226 (1989) 291
Maxwell, C.J., see K. Makhshoush 212 (1988) 95
Maxwell, C.J. and J.A. Nicholls, Scheme dependence of the QCD *R* ratio in $O(\alpha_s^3)$ perturbation theory 213 (1988) 217
Maxwell, C.J., Approximating multi-jet production in e^+e^- annihilation 225 (1989) 425
May, B., see G. Reifenröther 214 (1988) 325
May, B., see M. Doser 215 (1988) 792
May, B., K.D. Duch, M. Heel, H. Kalinowsky, F. Kayser, E. Klempt, J. Reifenröther, O. Schreiber, P. Weidenauer, M. Ziegler, D. Bailey, S. Barlag, J.M. Butler, U. Gastaldi, R. Landua, C. Sabev, W. Dahme, F. Feld-Dahme, U. Schaefer, W.R. Wodrich, J.C. Bizot, B. Delcourt, J. Jeanjean, H. Nguyen, E.G. Auld, D.A. Axen, K.L. Erdman, B. Howard, R. Howard, B.L. White, S. Ahmad, M. Comyn, G.M. Marshall, G.A. Beer, L.P. Robertson, M. Botlo, C. Laa, H. Vonach, C. Amsler, M. Doser, J. Riedlberger, U. Straumann and P. Truöl, Observation of an isoscalar meson AX(1565) in annihilation of the pp-atom from P states 225 (1989) 450
Mayburov, S., see T. Åkesson 214 (1988) 295
Mayer, B., see A. Boudard 214 (1988) 6
Mayer, P., see G.D. Barr 214 (1988) 303
Mayer, P., see H.-J. Behrend 215 (1988) 186
Mayer, R., see Ch. Berger 227 (1989) 489
Mayle, R., J. Ellis, K.A. Olive, D.N. Schramm and G. Steigman, Updated constraints on axions from SN1987A 219 (1989) 515

May-Tal, S., see P. Weber 230 (1989) 31
Mazzoni, M.A., see T. Åkesson 214 (1988) 295
Mazzoni, M.A., see S. Aoki 224 (1989) 441
Mazzucato, E., see T. Åkesson 214 (1988) 295
McAlister, J., see P. Weber 230 (1989) 31
McBride, P., see S. Keh 212 (1988) 123
McBride, P., see H. Janssen 228 (1989) 273
McCabe, J., Fermionizing the Z^2-orbifold 211 (1988) 400
McCabe, J., A new action for chiral bosons in two dimensions 228 (1989) 478
McCarthy, J., see S. Deser 222 (1989) 61
McCarthy, J.G., see M. Frau 228 (1989) 205
McCrory, E., see J.R. Bensinger 215 (1988) 195
McCubbin, M.L., see T. Åkesson 214 (1988) 295
McCubbin, N.A., see T. Åkesson 214 (1988) 295
McCurrach, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493
McDonald, J., Cosmological higgsino densities in SUSY models with intermediate mass scales 217 (1989) 107
McDonald, J., Is neutralino dark matter compatible with flipped SU(5) models? 225 (1989) 133
McDonald, J.W., see D. Ashery 215 (1988) 41
McDonald, R.J., see E.M. Beck 215 (1988) 624
McDonald, R.J., see D.G. Sarantities 218 (1989) 427
McDougall, N.A., see N. Dowrick 214 (1988) 591
McGaughey, P., see T. Åkesson 214 (1988) 295
McGeorge, J.C., see G. Koch 218 (1989) 143
McGill, J.A., see A.L. Williams 216 (1989) 11
McGill, J.A., see G.S. Adams 219 (1989) 399
McHenry, R., see T.J. Phillips 224 (1989) 348
McHugh, S., see J.C. Anjos 223 (1989) 267
McIlwain, R.L., see S. Abachi 212 (1988) 533; 226 (1989) 405
McIlwain, R.L., see P. Avery 223 (1989) 470
McIlwain, R.L., see R. Fulton 224 (1989) 445
McIlwain, R.L., see W.-Y. Chen 226 (1989) 192
McIlwain, R.L., see M.S. Alam 226 (1989) 401
McKellar, B.H.J., see X.-G. He 218 (1989) 216; 222 (1989) 86; 225 (1989) 173
McKeown, R., see R.C. Walker 224 (1989) 353
McKeown, R.D., Sensitivity of polarized elastic electron–proton scattering to the anomalous baryon number magnetic moment 219 (1989) 140
McLachlan, A., Flux breaking of E_6 in the generalised Hosotani model 222 (1989) 372
McLean, K.W., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
McMahan, M.A., see D.G. Sarantities 218 (1989) 427
McMahan, M.A., see E. Plagnol 221 (1989) 11
McMahon, S., see C. Albajar 226 (1989) 410; 229 (1989) 439
McMechan, G.A., see M.M. Nieto 228 (1989) 448
McNeil, R.R., see A. Bacala 218 (1989) 112
McNeil, R.R., see T. Mori 218 (1989) 499
McNeil, R.R., see S.K. Kim 223 (1989) 476

McNeil, R.R., see E.H. Low 228 (1989) 548
McNicholas, J., see J.J. Aubert 218 (1989) 248
Meadows, B.T., see D. Aston 215 (1988) 199, 799
Measday, D.F., see S. Stanislaus 219 (1989) 237
Meddi, F., see H. Cobbaert 213 (1988) 395
Meddi, F., see T. Åkesson 214 (1988) 295
Meddi, F., see S. Aoki 224 (1989) 441
Medenwaldt, R., S.P. Møller, S. Tang-Petersen, E. Uggerhøj, K. Elsener, M. Hage Ali, P. Siffert, J.P. Stoquert and K. Maier, Detailed investigations of shower formation in Ge- and W-crystals traversed by 40–287 GeV/c electrons 227 (1989) 483
Medinnis, M., see R. Bonino 211 (1988) 239
Medvedev, P.B., see I.Ya. Aref'eva 212 (1988) 299; 225 (1989) 240
Meier, K., see R. Ansari 215 (1988) 175
Meijers, F., see I.V. Ajinenko 222 (1989) 306
Meinhart, M., see W. Janke 217 (1989) 525
Meinke, R., see S. Bethke 213 (1988) 235
Meissner, K.A. and J. Pawełczyk, Hierarchy of Yukawa couplings from orbifold compactification 217 (1989) 277
Meissner, Th., E. Ruiz Arriola, F. Grümmer, H. Mavromatis and K. Goeke, Sea quark effects in non-topological chiral soliton models and the Nambu–Jona-Lasinio approach 214 (1988) 312
Meissner, Th., F. Grümmer and K. Goeke, Solitons in the Nambu–Jona-Lasinio model 227 (1989) 296
Meißner, U.-G., see V. Bernard 216 (1989) 392; 223 (1989) 439; 227 (1989) 465
Meißner, U.-G., Chiral symmetry and medium modifications of nucleon properties 220 (1989) 1
Mellor, F. and I. Moss, Black holes and quantum wormholes 222 (1989) 361
Melzer, E., see L. Brekke 216 (1989) 53
Melzer, E., see P.G.O. Freund 229 (1989) 243
Menary, S.R., see J.C. Anjos 223 (1989) 267
Méndez, A., see N.G. Deshpande 214 (1988) 661
Mendiburu, J.-P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Meneguzzo, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Menichetti, E., see C. Baglin 225 (1989) 296
Menotti, P., see S. Caracciolo 228 (1989) 375
Mercer, D., see J.F. Bak 213 (1988) 242
Mercer, R.L., see E.D. Cooper 220 (1989) 658
Merkel, B., see R. Ansari 215 (1988) 175
Merlo, J.P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Mertens, G., see K. Reiner 228 (1989) 31
Meschanin, A.P., see N. Akchurin 229 (1989) 299
Messing, F., see S. Keh 212 (1988) 123
Messing, F., see H. Janssen 228 (1989) 273
Messner, R.L., see H.R. Band 218 (1989) 369
Mestayer, M.D., see P. Avery 223 (1989) 470
Mestayer, M.D., see R. Fulton 224 (1989) 445
Mestayer, M.D., see W.-Y. Chen 226 (1989) 192
Mestayer, M.D., see M.S. Alam 226 (1989) 401
Metag, V., see G. Koch 218 (1989) 143
Metcalf, M., see J.V. Allaby 213 (1988) 554

Metcalf, W., see A. Bacala 218 (1989) 112
Metcalf, W., see T. Mori 218 (1989) 499
Metcalf, W., see S.K. Kim 223 (1989) 476
Metcalf, W., see E.H. Low 228 (1989) 548
Metz, T., see W. Kerler 229 (1989) 264
Metzger, W.J., see S. Keh 212 (1988) 123
Metzger, W.J., see H. Janssen 228 (1989) 273
Meyer, D.I., see S. Abachi 212 (1988) 533; 226 (1989) 405
Meyer, D.I., see A. Snyder 229 (1989) 169
Meyer, H., see S. Keh 212 (1988) 123
Meyer, H., see Ch. Berger 227 (1989) 489
Meyer, H., see H. Janssen 228 (1989) 273
Meyer, J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Meyer, R.A., see N. Roy 221 (1989) 6
Meyer, R.A., see D.F. Kusnezov 228 (1989) 11
Meyer, T., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Meyer-Berkhout, U., see A.C. Benvenuti 223 (1989) 485, 490
Meziani, Z.E., see A. Magnon 222 (1989) 352
Mezincescu, L., see J. Liu 224 (1989) 265
Mezzorani, G., see G. Fiorentini 221 (1989) 353
Micek, S., see K. Grotowski 223 (1989) 287
Michaelis, E.G., see G. Kernel 216 (1989) 244; 225 (1989) 198
Michalon, A., see E. Andersen 220 (1989) 328
Michalon-Mentzer, M.E., see E. Andersen 220 (1989) 328
Michalowicz, A., see N. Akchurin 229 (1989) 299
Michałowska, A.B., see I.V. Ajinenko 222 (1989) 306
Michel, B., see A. Antonelli 212 (1988) 133
Michel, B., see M.H. Tixier 212 (1988) 523
Michel, B., see D. Bisello 220 (1989) 321
Michel, F., Y. Kondō and G. Reidemeister, Direct evidence for a rapid energy dependence of the nucleus–nucleus interaction near the barrier radius at low energy 220 (1989) 479
Micheletti, S., see R. De Leo 226 (1989) 5, 202
Miczaika, A., see C. Bérat 218 (1989) 299
Miczaika, T., see G.D. Barr 214 (1988) 303
Middleton, R.P., see S. Bethke 213 (1988) 235
Migdal, A.B., S.B. Khokhlachev and V.Yu. Borue, A model of hadron structure 228 (1989) 167
Mignemi, S., On the zero-mode ansatz in quasi-riemannian Kaluza–Klein theories 221 (1989) 260
Mikenberg, G., see W. Braunschweig 214 (1988) 286
Miković, A.R., BRST charge for the Brink–Casalbuoni–Schwarz superparticle 226 (1989) 89
Mikuž, M., see G. Kernel 216 (1989) 244; 225 (1989) 198
Milani, C., see D. Bisello 220 (1989) 321
Milewski, B., see L.-L. Chau 216 (1989) 330
Miller, C.A., see R. Abegg 218 (1989) 436
Miller, C.A., see D. Frekers 218 (1989) 439
Miller, C.A., see M.A. Moinester 230 (1989) 41
Miller, D., see G. Roche 226 (1989) 228
Miller, D.H., see S. Abachi 212 (1988) 533; 226 (1989) 405

Miller, D.H., see P. Avery 223 (1989) 470
Miller, D.H., see R. Fulton 224 (1989) 445
Miller, D.H., see W.-Y. Chen 226 (1989) 192
Miller, D.H., see M.S. Alam 226 (1989) 401
Miller, D.H., see N. Akchurin 229 (1989) 299
Miller, G.A., see C.J. Benesh 215 (1988) 381; 222 (1989) 476
Miller, H.G., see R.M. Quick 222 (1989) 333
Milliken, B.D., see A. Snyder 229 (1989) 169
Milner, R., see R.C. Walker 224 (1989) 353
Milsténe, C., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Milsztajn, A., see A.C. Benvenuti 223 (1989) 485, 490
Min, D.P., see H.K. Lee 219 (1989) 1
Minakawa, F., see S. Aoki 224 (1989) 441
Minami, M., see K. Abe 213 (1988) 400
Minard, M.-N., see C. Albajar 213 (1988) 405
Mincer, A., see J. Adler 227 (1989) 501
Mino, H., see K.-I. Kondo 220 (1989) 270
Minor, E., see A. Angelopoulos 212 (1988) 129
Minowa, M., see S. Bethke 213 (1988) 235
Mintchev, M., see P. Cotta-Ramusino 215 (1988) 331
Mintchev, M., see E. Guadagnini 227 (1989) 111; 228 (1989) 489
Mir, R., see J. Adler 227 (1989) 501
Miramontes, J.L., see N.E. Mavromatos 212 (1988) 33; 226 (1989) 291
Miransky, V.A., see V.P. Gusynin 213 (1988) 177; 215 (1988) 805; 220 (1989) 635
Miransky, V.A., M. Tanabashi and K. Yamawaki, Dynamical electroweak symmetry breaking with large anomalous dimension and t quark condensate 221 (1989) 177
Mirkes, E., see Th. Brodkorb 216 (1989) 203
Mishra, C.S., see G.S. Adams 219 (1989) 399
Mishra, S. and S.P. Misra, Light Dirac neutrino in a superstring inspired model 217 (1989) 66
Misra, S.P., see S. Mishra 217 (1989) 66
Mistry, N.B., see P. Avery 223 (1989) 470
Mistry, N.B., see R. Fulton 224 (1989) 445
Mistry, N.B., see W.-Y. Chen 226 (1989) 192
Mistry, N.B., see M.S. Alam 226 (1989) 401
Mitchell, L.W., see P. Fisher 218 (1989) 257
Mitra, P., Non-cocyclic anomaly in the Gauss law commutator 214 (1988) 105
Mitra, P. and R. Rajaraman, Gauge-invariant reformulation of an anomalous gauge theory 225 (1989) 267
Mitrjushkin, V.K., A.M. Zadorozhny and G.M. Zinovjev, On thermodynamic properties of the chromoplasma 215 (1988) 371
Mitrjushkin, V.K., see J. Ambjørn 225 (1989) 153
Mittag, C., see M. Gai 215 (1988) 242
Mittig, W., see C. Bérat 218 (1989) 299
Mittra, I.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Miyake, K., see K. Abe 213 (1988) 400
Miyake, K., see N. Akchurin 229 (1989) 299
Miyama, Y., Description of nucleon–nucleus scattering in the Dirac–Brueckner method 215 (1988) 602
Miyama, Y., see T. Kohmura 226 (1989) 207

Miyamoto, A., see D. Aston 215 (1988) 199, 799
Miyamoto, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Miyanishi, M., see S. Aoki 224 (1989) 441
Miyano, K., see A. Bacala 218 (1989) 112
Miyano, K., see T. Mori 218 (1989) 499
Miyano, K., see K.S. Hirata 220 (1989) 308
Miyano, K., see S.K. Kim 223 (1989) 476
Miyano, K., see E.H. Low 228 (1989) 548
Miyata, H., see A. Bacala 218 (1989) 112
Miyata, H., see T. Mori 218 (1989) 499
Miyata, H., see K.S. Hirata 220 (1989) 308
Miyata, H., see S.K. Kim 223 (1989) 476
Miyata, H., see E.H. Low 228 (1989) 548
Miyaue, Y., see S. Nishiyama 219 (1989) 130
Miyazaki, T., see S. Hirasawa 218 (1989) 263
Mizoguchi, S., Determinant formula and unitarity for the W_3 algebra 222 (1989) 226
Mizrachi, L., see J. Ellis 222 (1989) 385
Mjaed, M. and J. Proriol, Tagging of jets and partons in e^+e^- events by discriminant analysis 217 (1989) 560
Mjörnmark, U., see T. Åkesson 214 (1988) 295
Mo, J.N., see A.M. Bruce 215 (1988) 237
Mo, J.N., see K. Schiffer 219 (1989) 52
Mo, J.N., see S.J. Freeman 222 (1989) 347
Moalem, A., see N. Willis 229 (1989) 33
Mobayyen, M.M., see J. Guy 229 (1989) 421
Mockett, P.M., see J. Adler 227 (1989) 501
Moers, T., see C. Albajar 226 (1989) 410; 229 (1989) 439
Moffeit, K.C., see A. Snyder 229 (1989) 169
Mogilevsky, O.A., see M.I. Gorenstein 228 (1989) 121
Mohammadi, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Mohammedi, N., see I. Jack 220 (1989) 171
Mohanty, S., see J. Ellis 221 (1989) 113
Mohapatra, P.K., Comments on possible new three-generation Calabi–Yau manifolds 214 (1988) 199
Mohapatra, R.N. and E. Takasugi, Neutrinoless double beta decay with double majoron emission 211 (1988) 192
Mohapatra, R.N., see R. Barbieri 213 (1988) 69; 218 (1989) 225
Mohapatra, R.N., see B.S. Balakrishna 216 (1989) 349
Mohapatra, R.N., E. Rusjan, G. Senjanović and A. Šokorac, 27^3 Yukawa couplings in the three-generation superstring model 225 (1989) 73
Mohapatra, R.N., see K.S. Babu 226 (1989) 347
Mohr, W., see M. Arneodo 211 (1988) 493
Mohr, W., see J.J. Aubert 218 (1989) 248
Moinester, M.A., see J. Lichtenstadt 219 (1989) 394
Moinester, M.A., A. Trudel, K. Raywood, S. Yen, B.M. Spicer, R. Abegg, W.P. Alford, N. Auerbach, A. Celler, D. Frekers, O. Häusser, R.L. Helmer, R. Henderson, K.H. Hicks, K.P. Jackson, R.G. Jeppesen, N.S.P. King, S. Long, C.A. Miller, M. Vetterli, J. Watson and A.I. Yavin, A study of spin isovector giant resonances with the $^{208}Pb(n, p)^{208}Tl$ reaction 230 (1989) 41

Moisan, C., see J. Pouliot 223 (1989) 16
Möller, R., see Ch. Berger 227 (1989) 489
Møller, S.P., see K. Elsener 212 (1988) 537
Møller, S.P., see J.F. Bak 213 (1988) 242
Møller, S.P., see R. Medenwaldt 227 (1989) 483
Möllerud, R., see R. Ansari 215 (1988) 175
Molnár, G., see H. Mach 230 (1989) 21
Monacelli, P., see J.V. Allaby 213 (1988) 554
Monari, L., see A.C. Benvenuti 223 (1989) 485, 490
Mönch, H., see Ch. Berger 227 (1989) 489
Mondragón, M., see A. Font 227 (1989) 34
Mondragon, M., see J.A. Casas 230 (1989) 63
Moneti, G.C., see P. Avery 223 (1989) 470
Moneti, G.C., see R. Fulton 224 (1989) 445
Moneti, G.C., see W.-Y. Chen 226 (1989) 192
Moneti, G.C., see M.S. Alam 226 (1989) 401
Moniez, M., see R. Ansari 215 (1988) 175
Moning, R., see R. Ansari 215 (1988) 175
Monnand, E., see M.I. Adamovich 223 (1989) 262
Montag, A., see W. Braunschweig 214 (1988) 286
Montanet, F., see M. Arneodo 211 (1988) 493
Montano, D., see R. Brooks 214 (1988) 91
Monteleoni, B., see S. Keh 212 (1988) 123
Monteleoni, B., see H. Janssen 228 (1989) 273
Montgomery, H.E., see M. Arneodo 211 (1988) 493
Montgomery, H.E., see J.J. Aubert 218 (1989) 248
Montret, J.C., see A. Antonelli 212 (1988) 133
Montret, J.C., see M.H. Tixier 212 (1988) 523
Montret, J.C., see D. Bisello 220 (1989) 321
Montvay, I., see K. Jansen 213 (1988) 203
Montvay, I., Bosonized dynamical fermions in 3+1 dimensions 216 (1989) 375
Montvay, I., Simulation of staggered fermions by polymer averaging 227 (1989) 260
Mookerjee, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Moore, B.R. and M. Ogilvie, Lattice wave functionals via Monte Carlo simulation 223 (1989) 202
Moore, C.F., see D. Ashery 215 (1988) 41
Moore, C.F., see A.L. Williams 216 (1989) 11
Moore, E.F., P.D. Cottle, C.J. Gross, D.M. Headly, U.J. Hüttmeier, S.L. Tabor and W. Nazarewicz, Core polarization by an intruder orbital in ^{81}Sr 211 (1988) 14
Moore, G. and N. Seiberg, Polynomial equations for rational conformal field theories 212 (1988) 451
Moore, G. and N. Seiberg, Taming the conformal zoo 220 (1989) 422
Mordechai, S., see D. Ashery 215 (1988) 41
Mordechai, S., see A.L. Williams 216 (1989) 11
More, A., see T.J. Phillips 224 (1989) 348
Morel, C., see R.E. Breedon 216 (1989) 459
Moretto, L.G., see D.G. Sarantites 218 (1989) 427
Moretto, L.G., see E. Plagnol 221 (1989) 11
Morgan, D. and M.R. Pennington, $\Upsilon'' \to \Upsilon\pi\pi$ decay: a challenge for heavy quark dynamics not $\pi\pi$ physics 214 (1988) 273

Morgan, K., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Morganti, M., see R. Ansari 215 (1988) 175
Morganti, S., see J.V. Allaby 213 (1988) 554
Morgenstern, J., see A. Magnon 222 (1989) 352
Mori, K., see C. Ohmori 230 (1989) 27
Mori, M., see K.S. Hirata 220 (1989) 308
Mori, S., see K. Abe 213 (1988) 400
Mori, T., see A. Bacala 218 (1989) 112
Mori, T., T. Nozaki, D. Blanis, A. Bodek, H. Budd, R. Coombes, S. Eno, C.A. Fry, H. Harada, Y.H. Ho, Y.K. Kim, T. Kumita, S.L. Olsen, P. Perez, A. Sill, N.M. Shaw, E.H. Thorndike, K. Ueno, H.W. Zheng, A. Bacala, R. Imlay, P. Kirk, J. Lim, R.R. McNeil, W. Metcalf, C.P. Cheng, J. Li, Y.K. Li, Z.P. Mao, Y.T. Xu, Y.C. Zhu, A. Abashian, K. Gotow, E.H. Low, M.E. Mattson, F. Naito, L. Piilonen, K.L. Sterner, S. Lusin, C. Rosenfeld, A.T.M. Wang, S. Wilson, M. Frautschi, H. Kagan, R. Kass, C.G. Trahern, W. Ko, R.L. Lander, K. Maeshima, R.L. Malchow, J.R. Smith, K. Sparks, M.C.S. Williams, K. Abe, Y. Fujii, Y. Higashi, S.K. Kim, Y. Kurihara, A. Maki, T. Omori, H. Sagawa, Y. Sakai, Y. Sugimoto, Y. Takaiwa, S. Terada, K. Tsuchiya, F. Kajino, D. Perticone, R. Poling, T. Thomas, J. Green, I.H. Park, S. Sakamoto, F. Sannes, S. Schnetzer, R. Stone, S. Trentalange, J. Vinson, Y. Ishi, K. Miyano, H. Miyata, Y. Yamashita, K. Eguchi, H. Itoh, H. Ichinose, S. Kobayashi, A. Murakami, K. Toyoshima, J.S. Kang, H.J. Kim, M.H. Lee, S.S. Myung, G.N. Kim, E.J. Kim, D. Son, H. Kozuka, S. Matsumoto, T. Sasaki, T. Takeda, R. Tanaka, R. Chiba, S. Igarashi, H. Yokota, T. Ishizuka and K. Ohta, Measurements of the e^+e^- total hadronic cross section and a determination of M_Z and $\Lambda_{\overline{MS}}$ 218 (1989) 499
Mori, T., see S.K. Kim 223 (1989) 476
Mori, Y., see C. Ohmori 230 (1989) 27
Morimoto, T., see I. Adachi 218 (1989) 105
Morinobu, S., see R. De Leo 226 (1989) 5
Morita, K., Stochastic quantization and anomalies in arbitrary dimensions 221 (1989) 49
Morita, Y., see T. Kitagaki 214 (1988) 281
Moroz, Z., see H. Leucker 223 (1989) 277
Morozov, A. and A. Rosly, On many-loop calculations in the theory of open strings 214 (1988) 522
Morozov, A., see A. Losev 216 (1989) 94
Morozov, A., see A. Gerasimov 225 (1989) 87
Morozov, A., Bosonization and multiloop calculations for the Wess–Zumino–Witten model 229 (1989) 239
Morozumi, T., see C.S. Lim 218 (1989) 343
Morr, T., see E.H. Low 228 (1989) 548
Morris, C.L., see D. Ashery 215 (1988) 41
Morris, C.L., see A.L. Williams 216 (1989) 11
Morrison, D.R.O., see J. Guy 229 (1989) 421
Morrison, I., see S. Kuyucak 215 (1988) 10
Morrison, R.J., see J.C. Anjos 223 (1989) 267
Morrissey, D.J., see D.A. Cebra 227 (1989) 336
Morrow, F., see P. Avery 223 (1989) 470
Morrow, F., see R. Fulton 224 (1989) 445
Morrow, F., see W.-Y. Chen 226 (1989) 192
Morrow, F., see M.S. Alam 226 (1989) 401

Morse, R., see T.J. Phillips 224 (1989) 348
Mosca, L., see Ch. Berger 227 (1989) 489
Moscoso, L., see Ch. Berger 227 (1989) 489
Mosel, U., see A. De Paoli 219 (1989) 194
Mosel, U., see M. Schäfer 221 (1989) 1
Moser, H.-G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Moser, K., see J.J. Aubert 218 (1989) 248
Moshe, M., see A. Duncan 215 (1988) 352
Moshe, M. and Y. Oz, Anomaly cancellation in extended phase space. The chiral Schwinger model 224 (1989) 145
Moss, G.A., see R. Abegg 218 (1989) 436
Moss, I., see F. Mellor 222 (1989) 361
Moss, I.G. and J.S. Dowker, The correct B_4 coefficient 229 (1989) 261
Moss, L.J., see H.R. Band 218 (1989) 369
Moszyński, M., see H. Mach 230 (1989) 21
Motobayashi, T., see K. Hagel 229 (1989) 20
Motobayshi, T., see H. Okamura 227 (1989) 204
Mouëllic, B., see C. Baglin 225 (1989) 296
Moulin, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Mount, R.P., see J.J. Aubert 218 (1989) 248
Mours, B., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Mozley, R.F., see J. Adler 227 (1989) 501
Mrówczyński, S., Stream instabilities of the quark–gluon plasma 214 (1988) 587
Mrówczyński, S., On the pion and kaon production in nucleus–nucleus collisions near the absolute threshold 220 (1989) 337
Mu, L.G., see T. Kitagaki 214 (1988) 281
Muciaccia, M.T., see H. Cobbaert 213 (1988) 395
Muciaccia, M.T., see T. Åkesson 214 (1988) 295
Muciaccia, M.T., see S. Aoki 224 (1989) 441
Muck, K.Y., Finiteness of (4,4) non-linear σ-models in light-cone harmonic superspace 221 (1989) 314
Mueller, A.H., see R.D. Carlitz 214 (1988) 229
Mueller, C., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Mueller, J., see P. Avery 223 (1989) 470
Mueller, J., see R. Fulton 224 (1989) 445
Mueller, J., see W.-Y. Chen 226 (1989) 192
Mueller, J., see M.S. Alam 226 (1989) 401
Muir, J., see G.D. Barr 214 (1988) 303
Mukhanov, V.F., see V.P. Frolov 216 (1989) 272
Mukhanov, V.F., Quantum theory of cosmological perturbations in R^2 gravity 218 (1989) 17
Mukhi, S., see S.D. Mathur 213 (1988) 303
Mukhopadhyay, A., see D. Ghosh 218 (1989) 431
Mulders, P.J., see J. Kunz 215 (1988) 449; 222 (1989) 481
Müller, B., see C. Greiner 219 (1989) 199
Muller, D., see W. Braunschweig 214 (1988) 286
Muller, F., see H.R. Band 218 (1989) 369
Müller, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Müller, L., see A. Snyder 229 (1989) 169

Müller, R., see S. Kistryn 219 (1989) 58
Muller, Th., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Müller-Preussker, M., see F.-M. Dittes 229 (1989) 89
Münchow, L., see A. Pfitzner 218 (1989) 295
Muñoz, C., see J.A. Casas 212 (1988) 343; 214 (1988) 63, 543; 216 (1989) 37; 230 (1989) 63
Muñoz-Tapia, R., see W. Dykshoorn 229 (1989) 132
Münster, G., see K. Jansen 213 (1988) 203
Murakami, A., see A. Bacala 218 (1989) 112
Murakami, A., see T. Mori 218 (1989) 499
Murakami, A., see S.K. Kim 223 (1989) 476
Murakami, A., see E.H. Low 228 (1989) 548
Murakami, T., see M.B. Tsang 220 (1989) 492
Muramatsu, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Muramatsu, K., see M. Hasegawa 226 (1989) 1
Murata, H., see A. Bacala 218 (1989) 112
Muraviev, S., see T. Åkesson 214 (1988) 295
Murayama, A., see M.J. Hayashi 228 (1989) 42
Murphy, L., see G. Audit 227 (1989) 331
Murphy, P.G., see S. Bethke 213 (1988) 235
Murphy, T., see T. Kitagaki 214 (1988) 281
Murray, M., see T. Åkesson 214 (1988) 295
Murray, W.N., see A. Snyder 229 (1989) 169
Murtagh, M.J., see P. Astier 220 (1989) 646
Muryn, B., see S. Keh 212 (1988) 123
Muryn, B., see H. Janssen 228 (1989) 273
Murzel, M., see A.P. Byrne 217 (1989) 38
Musakhanov, M.M., see A.E. Dorokhov 220 (1989) 14
Musgrave, B., see S. Abachi 212 (1988) 533; 226 (1989) 405
Mussardo, G., G.M. Sotkov and M. Stanishkov, Fusion rules, four-point functions and discrete symmetries of $N=2$ superconformal models 218 (1989) 191
Mussardo, G., see J.L. Cardy 225 (1989) 275
Müsseler, R., see A.P. Byrne 217 (1989) 38
Musto, R., see G. Cristofano 211 (1988) 417; 217 (1989) 59
Muto, K., Reduction of stretched-magnetic-transition strengths by core polarization 213 (1988) 115
Mütter, K.-H., see S. Güsken 212 (1988) 216; 227 (1989) 266
Myatt, G., see J. Guy 229 (1989) 421
Myers, R.C., see G.T. Horowitz 215 (1988) 291; 218 (1989) 309
Myers, R.C. and V. Periwal, New symmetries in topological field theories 225 (1989) 352
Myhrer, F., see H. Høgaasen 214 (1988) 123
Myklebost, K., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Myung, S.S., see A. Bacala 218 (1989) 112
Myung, S.S., see T. Mori 218 (1989) 499
Myung, S.S., see S.K. Kim 223 (1989) 476
Myung, S.S., see E.H. Low 228 (1989) 548

NA36 Collaboration, see E. Andersen 220 (1989) 328
NA38 Collaboration, see C. Baglin 220 (1989) 471
Naculich, S.G., see J.A. Harvey 217 (1989) 231
Nadeau, H., see N.N. Scoccola 220 (1989) 658
Nagai, K., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Nagai, T., see T. Kohmura 226 (1989) 207
Nagamine, T., see N. Akchurin 229 (1989) 299
Nagarajan, M.A., see J.A. Sheikh 223 (1989) 1
Nagashima, Y., see K. Abe 213 (1988) 400
Nagashima, Y., see K.S. Hirata 220 (1989) 308
Nagashima, Y., see K. Hagel 229 (1989) 20
Nagira, T., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Nagy, E., see M. Arneodo 211 (1988) 493
Nagy, E., see J.J. Aubert 218 (1989) 248
Nagy, M., see A.N. Ivanov 227 (1989) 275
Nair, V.P., A current algebra for some gauge theory amplitudes 214 (1988) 215
Nair, V.P., see M. Bos 223 (1989) 61
Naito, F., see A. Bacala 218 (1989) 112
Naito, F., see T. Mori 218 (1989) 499
Naito, F., see S.K. Kim 223 (1989) 476
Nakagawa, T., see K. Hagel 229 (1989) 20
Nakagawa, T., see C. Ohmori 230 (1989) 27
Nakahata, M., see K.S. Hirata 220 (1989) 308
Nakai, S., see T. Kitagaki 214 (1988) 281
Nakajima, K., see K. Kinoshita 228 (1989) 543
Nakajima, T., see T. Kitagaki 214 (1988) 281
Nakamura, A. and K. Shiraishi, Wilson-loop symmetry breaking reexamined 215 (1988) 551
Nakamura, A. and K. Shiraishi, Wilson-loop symmetry breaking reexamined, Phys. Lett. B 215 (1988) 551. Erratum 218 (1989) 508
Nakamura, E.R. and K. Kudo, A convolution formula for a phase transition of hadronic matter and the multiplicity distributions 212 (1988) 381
Nakamura, F., Leptons with high weak isospin and compositeness, Phys. Lett. B 167 (1986) 209. Erratum 228 (1989) 560
Nakamura, K., see I. Adachi 218 (1989) 105
Nakamura, K., see K.S. Hirata 220 (1989) 308
Nakamura, K., see T. Kon 223 (1989) 461
Nakamura, K., see S. Aoki 224 (1989) 441
Nakamura, M., see S. Aoki 224 (1989) 441
Nakamura, N., I. Umemura and K. Yamamoto, On the renormalization group evolution of gauge couplings with several U(1) factors 212 (1988) 198
Nakamura, T., see K. Abe 213 (1988) 400
Nakanishi, S., see S. Aoki 224 (1989) 441
Nakanishi, T., see C. Ohmori 230 (1989) 27
Nakano, I., see K. Abe 213 (1988) 400
Nakazawa, K., see S. Aoki 224 (1989) 441
Nakazawa, N., see K. Fujikawa 221 (1989) 289
Nakazawa, N. and D. Ennyu, Stochastic quantization of nonlinear σ-models with Wess–Zumino terms 222 (1989) 247

Nambu, Y. and M. Sasaki, Stochastic approach to chaotic inflation and the distribution of universes 219 (1989) 240
Namjoshi, R., see P. Avery 223 (1989) 470
Namjoshi, R., see R. Fulton 224 (1989) 445
Namjoshi, R., see W.-Y. Chen 226 (1989) 192
Namjoshi, R., see M.S. Alam 226 (1989) 401
Nandi, S., see P. Avery 223 (1989) 470
Nandi, S., see R. Fulton 224 (1989) 445
Nandi, S., see W.-Y. Chen 226 (1989) 192
Nandi, S., see M.S. Alam 226 (1989) 401
Nann, H., see G.J. Kramer 227 (1989) 199
Nanopoulos, D.V., see I. Antoniadis 211 (1988) 393; 213 (1988) 562
Nanopoulos, D.V., see G.K. Leontaris 212 (1988) 327
Nanopoulos, D.V., see H. Dreiner 216 (1989) 283
Nanopoulos, D.V., see J. Ellis 221 (1989) 113; 225 (1989) 121, 313
Nanopoulos, D.V., see A.E. Faraggi 221 (1989) 337
Nappi, A., see G.D. Barr 214 (1988) 303
Nappi, C.R., see P.C. Argyres 224 (1989) 89
Naqvi, S.I.H., see Z. Papandreou 227 (1989) 25
Nardelli, G., see M. Gonin 217 (1989) 406
Nardelli, G., see A. Bassetto 228 (1989) 235
Nardulli, G., see P. Colangelo 220 (1989) 265; 222 (1989) 293
Narganes-Quijano, F.J., Picture changing operation and BRST-cohomology in superstring field theory 212 (1988) 292
Narison, S. and A. Pich, QCD formulation of the tau decay and determination of $\Lambda_{\overline{MS}}$ 211 (1988) 183
Narison, S., see E. Bagan 214 (1988) 451
Narison, S., Light and heavy quark masses, test of PCAC and flavour breakings of condensates in QCD 216 (1989) 191
Narison, S., Does f_B^2 already scale like $1/M_b$? 218 (1989) 238
Narison, S., see H.G. Dosch 220 (1989) 251
Narison, S., Moments distributions of the mesons wave functions from QCD spectral sum rules 224 (1989) 184
Narison, S., Gluonia enhancements of the Higgs boson hadronic widths 228 (1989) 513
Narjoux, J.L., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Naroska, B., see S. Bethke 213 (1988) 235
Nash, J., see A. Snyder 229 (1989) 169
Nash, T., see J.C. Anjos 223 (1989) 267
Nasriddinov, K.R., see Yu.L. Kalinovsky 211 (1988) 350
Nassalski, J., see M. Arneodo 211 (1988) 493
Nassalski, J., see J.J. Aubert 218 (1989) 248
Nasyrov, S.H., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Natali, S., see H. Cobbaert 213 (1988) 395
Nathan, A.M., see D.S. Dale 214 (1988) 329
Natkaniec, Z., see E. Andersen 220 (1989) 328
Natowitz, J.B., see M. Gonin 217 (1989) 406
Naudet, C., see G. Roche 226 (1989) 228
Naumann, L., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439

Navach, F., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Navarra, F.S., see G.N. Fowler 214 (1988) 657
Navarria, F.L., see A.C. Benvenuti 223 (1989) 485, 490
Navarro, J., see C. García-Recio 222 (1989) 329
Navarro-Salas, J., see V. Aldaya 225 (1989) 340
Navelet, H., see R. Grigjanis 213 (1988) 355; 223 (1989) 239; 224 (1989) 209
Navotny, V.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285
Nayak, T.K., see M.B. Tsang 220 (1989) 492
Nazarewicz, W., see E.F. Moore 211 (1988) 14
Nazarewicz, W., see R. Wyss 215 (1988) 211
Nazarewicz, W., see R. Kulessa 218 (1989) 421
Nazarewicz, W., see S. Ćwiok 224 (1989) 5
Nazarewicz, W., R. Wyss and A. Johnson, Shape variations, influence of pairing and alignment of angular momentum in superdeformed bands in the $A \approx 150$ region 225 (1989) 208
Nazaruk, V.I., Change of branching ratio of channels of hadron–nucleon interaction in nuclear medium 218 (1989) 291
Nazaruk, V.I., Interaction of antiprotons with ^{4}He 229 (1989) 348
Neal, H., see S. Abachi 212 (1988) 533; 226 (1989) 405
Nebbia, G., see M. Gonin 217 (1989) 406
Nedelec, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Nefkens, B.M.K., see G.J. Kim 219 (1989) 62
Negret, J., see T.J. Phillips 224 (1989) 348
Nelson, A.E., Strange goings on in the chiral quark model 221 (1989) 60
Nelson, A.E. and N. Tetradis, Constraints on a new vector boson coupled to baryons 221 (1989) 80
Nelson, H.N., see G.D. Barr 214 (1988) 303
Nelson, H.N., see H.R. Band 218 (1989) 369
Nelson, J.M., see E. Andersen 220 (1989) 328
Nelson, M.E., see A. Snyder 229 (1989) 169
Nelson, P., Cohomology and the operator formalism 221 (1989) 31
Nemati, B., see J. Adler 227 (1989) 501
Nemecek, S., see A.C. Benvenuti 223 (1989) 485, 490
Nemeschansky, D., see J. Bagger 216 (1989) 320
Nemeschansky, D., Feigin–Fuchs representation of $su(2)_k$ Kac–Moody algebra 224 (1989) 121
Nepomechie, R.I., see J. Liu 224 (1989) 265
Nernst, R., see S. Keh 212 (1988) 123
Nernst, R., see H. Janssen 228 (1989) 273
Nessi, M., see N. Akchurin 229 (1989) 299
Nessi-Tedaldi, F. and M. Simonius, Calculation of parity non-conserving pp-scattering amplitudes and analysis of a 45 MeV measurement 215 (1988) 159
Nessi-Tedaldi, F., see N. Akchurin 229 (1989) 299
Neu, W., see W. Borchers 216 (1989) 7
Neubert, M., see T. Åkesson 214 (1988) 295
Neufeld, H., see G.J. Gounaris 213 (1988) 541; 218 (1989) 508
Neufeld, H., see G. Ecker 228 (1989) 401
Neugart, R., see W. Borchers 216 (1989) 7
Neugebauer, E., see S. Barlag 218 (1989) 374
Neuhaus, T., see A. Hasenfratz 220 (1989) 435

Neuhofer, G., see E. Andersen 220 (1989) 328
Neveu, M., see J. Guy 229 (1989) 421
Nevski, P., see T. Åkesson 214 (1988) 295
Newcomer, F.M., see K.S. Hirata 220 (1989) 308
Newton, D., see J.F. Bak 213 (1988) 242
Ng, C.R., see S. Abachi 212 (1988) 533; 226 (1989) 405
Ng, C.R., see P. Avery 223 (1989) 470
Ng, C.R., see R. Fulton 224 (1989) 445
Ng, C.R., see W.-Y. Chen 226 (1989) 192
Ng, C.R., see M.S. Alam 226 (1989) 401
Ng, J.N., see C.Q. Geng 211 (1988) 111
Ng, Y.J., Z.Y. Zhu, H. Kawai and S.-H.H. Tye, Alternative formulations of first quantized covariant string action 215 (1988) 287
Nguyen, C., see N. Akchurin 229 (1989) 299
Nguyen, H., see G. Reifenröther 214 (1988) 325
Nguyen, H., see M. Doser 215 (1988) 792
Nguyen, H., see B. May 225 (1989) 450
Nguyen-Khac, U., see Ch. Berger 227 (1989) 489
Nguyen Ngoc, H., see M. Davier 229 (1989) 150
Nguyen Van Sen, see A. Boudard 214 (1988) 6
Ni, G.-J., see Y.-L. Liu 217 (1989) 421; 220 (1989) 99
Nicholls, J.A., see C.J. Maxwell 213 (1988) 217
Nicodemi, F., see G. Cristofano 211 (1988) 417; 217 (1989) 59
Niczyporuk, B., see S. Keh 212 (1988) 123
Niczyporuk, B., see H. Janssen 228 (1989) 273
Niebergall, F., see J.V. Allaby 213 (1988) 554
Niebuhr, C., see S. Egli 222 (1989) 533
Niel, J.C., see Th. Jolicoeur 215 (1988) 735
Nielsen, H.B., see M. Lehto 219 (1989) 87
Nielsen, H.B. and N. Brene, What is special about the group of the standard model? 223 (1989) 399
Niemi, A.J., On BRST quantization of second-class constraint algebras 213 (1988) 41
Niemi, A.J., $N=2$ superstrings in more than two dimensions? 215 (1988) 273
Niemi, A.J., Unification of Poincaré, BRST and Parisi–Sourlas supersymmetries 215 (1988) 542
Niemi, A.J., No-ghost theorem and Osp(1,1|2) in gauge theories 217 (1989) 472
Niemi, A.J., see J.M. Maillet 223 (1989) 195
Nieto, M.M., see R.J. Hughes 212 (1988) 18
Nieto, M.M., R.J. Hughes, T. Goldman, M.E. Ander, C.L.V. Aiken, G.A. McMechan and J.F. Ferguson, Analysis of the Greenland icesheet experiment in terms of new gravitational forces 228 (1989) 448
Nieuwenhuis, C., see J.V. Allaby 213 (1988) 554
Nifenecker, H., see J.A. Pinston 218 (1989) 128
Nigro, A., see H. Cobbaert 213 (1988) 395
Nigro, M., see D. Bisello 220 (1989) 321
Niita, K., see A. De Paoli 219 (1989) 194
Nijhoff, F., see J.M. Maillet 229 (1989) 71
Nijhoff, F.W., see J. Avan 211 (1988) 329
Nijhoff, F.W., see J.M. Maillet 224 (1989) 389

Nikitas, M., see C. Albajar 226 (1989) 410; 229 (1989) 439
Nikolaenko, V.I., see I.V. Ajinenko 222 (1989) 306
Nikolaev, M.A., see V.G. Guba 218 (1989) 283
Nilles, H.-P., see A. Font 213 (1988) 274, 564
Nilles, H.-P., see J. Lauer 226 (1989) 251
Nilles, H.-P., M. Olechowski and S. Pokorski, The strong *CP*-problem and the pattern of quark masses 228 (1989) 406
Nilsson, A.W., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Nilsson, B.E.W., P. Roberts and P. Salomonson, Standard-model-like string theories from covariant lattices 222 (1989) 35
Nilsson, B.E.W., A.K. Tollstén and A. Wätterstam, Path integral formulation of zero modes in Ramond vertices 222 (1989) 399
Nilsson, S., see T. Åkesson 214 (1988) 295
Ninomiya, M., see M. Lehto 219 (1989) 87
Nippe, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Nir, Y., The mass ratio m_c/m_b in semi-leptonic b-decays 221 (1989) 184
Nisati, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Nishii, N., I. Umemura and K. Yamamoto, τ-gaugino mixing in a supersymmetric left–right gauge model 223 (1989) 411
Nishino, H., Superstring effects on $D=4$, $N=1$ supergravity 214 (1988) 374
Nishino, H. and Y. Okada, β-function approach to p-adic string 219 (1989) 258
Nishiyama, F., see C. Ohmori 230 (1989) 27
Nishiyama, S. and Y. Miyaue, A microscopic description of Fermi type collective motions 219 (1989) 130
Nishizaki, S., S. Drożdż, J. Wambach and J. Speth, Ground state correlation effects on the Gamow–Teller strength distribution in ^{48}Ca 215 (1988) 231
Nisius, R., see Ch. Berger 227 (1989) 489
Niskanen, J.A. and M.J. Iqbal, $\rho\omega$ meson mixing in the reaction $np\to d\pi^0$ 218 (1989) 272
Nissimov, E.R. and S.J. Pacheva, Cancellation of anomalies in the super-Poincaré covariant quantization of the Green–Schwarz superstring 221 (1989) 307
Nissimov, E.R., S.J. Pacheva and S. Solomon, The relation between operator and path integral covariant quantizations of the Green–Schwarz superstring 228 (1989) 181
Nitoh, O., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Nitti, L., see L. Angelini 211 (1988) 472
Nitz, D., see S. Abachi 212 (1988) 533; 226 (1989) 405
Nitz, D., see A. Snyder 229 (1989) 169
Niu, K., see S. Aoki 224 (1989) 441
Niwa, K., see S. Aoki 224 (1989) 441
Noble, J.V. and P.J. O'Donnell, Helicity flip in exclusive deep-inelastic ρ^0 production 211 (1988) 373
Noble, J.V., Pseudoscalar–pseudovector equivalence in relativistic mean-field theory of nuclear structure 229 (1989) 6
Nogová, A., see I. Horváth 214 (1988) 237
Noguchi, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Nohara, H., Bosonization for a superghost system in arbitrary genus 216 (1989) 103
Nojarov, R., see A. Faessler 215 (1988) 439
Nojarov, R., see P.O. Lipas 230 (1989) 1

Nojiri, M.M. and S. Nojiri, Pre-geometrical field theory of the open string 215 (1988) 99
Nojiri, S., see M.M. Nojiri 215 (1988) 99
Nomura, M., see S. Aoki 224 (1989) 441
Nordberg, E., see P. Avery 223 (1989) 470
Nordberg, E., see R. Fulton 224 (1989) 445
Nordberg, E., see W.-Y. Chen 226 (1989) 192
Nordberg, E., see M.S. Alam 226 (1989) 401
Noro, T., see R. De Leo 226 (1989) 5
Noro, T., see H. Okamura 227 (1989) 204
Norton, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Norton, P.R., see M. Arneodo 211 (1988) 493
Norton, P.R., see J.J. Aubert 218 (1989) 248
Norton, R.E., see J.D. Carpenter 212 (1988) 63
Nosov, V.G. and A.M. Kamchatnov, High-temperature QCD matter and the electromagnetic signal 214 (1988) 601
Notz, D., see W. Braunschweig 214 (1988) 286
Noumi, H., see H. Ejiri 225 (1989) 35
Novaes, S.F. and A. Raychaudhuri, Comment on "axigluon production in Z^0 decay" 225 (1989) 191
Novikov, V.A., M.A. Shifman, A.I. Vainshtein and V.I. Zakharov, Non-renormalization theorems for non-perturbative effects in SUSY gauge theories 217 (1989) 103
Novikov, V.M., see A.S. Barabash 223 (1989) 273
Novotný, J., see J. Hořejší 213 (1988) 173
Novotny, V.S., see M.I. Adamovich 230 (1989) 175
Novozhilov, V.Yu., Effective QCD chiral lagrangian for pions and vector mesons and hidden local symmetry 228 (1989) 240
Novozhilov, Y.V. and D.V. Vassilevich, Induced quantum conformal gravity 220 (1989) 36
Novozhilov, Y.V., A proposal for composite model of electroweak bosons 225 (1989) 165
Nowak, G., see S. Keh 212 (1988) 123
Nowak, G., see H. Janssen 228 (1989) 273
Nowak, M.A., J.J.M. Verbaarschot and I. Zahed, Is the nucleon strange? 217 (1989) 157
Nowak, M.A., see N.N. Scoccola 220 (1989) 658
Nowak, M.A., J.J.M. Verbaarschot and I. Zahed, OZI rule and instantons 226 (1989) 382
Nowak, M.A., J.J.M. Verbaarschot and I. Zahed, Instantons and chiral dynamics 228 (1989) 251
Nowak, M.A. and I. Zahed, Skyrmions from instantons at finite temperature 230 (1989) 108
Nowicki, A., see J. Lukierski 211 (1988) 276
Nozaki, T., see A. Bacala 218 (1989) 112
Nozaki, T., see T. Mori 218 (1989) 499
Nozaki, T., see S.K. Kim 223 (1989) 476
Nozaki, T., see E.H. Low 228 (1989) 548
Numano, K., see T. Kitagaki 214 (1988) 281
Núñez, C., see M. Bonini 219 (1989) 427
Nurushev, S.B., see N. Akchurin 229 (1989) 299
Nussbaum, M., see D. Aston 215 (1988) 199, 799
Nussinov, S., see D.A. Dicus 218 (1989) 84
Nuzzo, S., see H. Cobbaert 213 (1988) 395
Nyberg, J., see R. Wyss 215 (1988) 211
Nyberg, J., see A. Alderson 228 (1989) 463

Nye, J.M., see S. Bethke 213 (1988) 235
Nyman, E.M. and D.O. Riska, Exchange currents in pion-induced deuteron breakup 211 (1988) 6
Nyman, E.M. and D.O. Riska, Nuclear pion absorption and the axial exchange charge operator 215 (1988) 29
Nyman, E.M., Meson–hyperon coupling constants in the bound-state approach to strangeness 224 (1989) 21
Nyman, E.M., see K. Dannbom 227 (1989) 291

Oakes, R.J., see S. Fajfer 213 (1988) 376
Oakham, F.G., see M. Arneodo 211 (1988) 493
Obenshain, F.E., see R. Albrecht 221 (1989) 427
Oberlack, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Obert, J., see H.T. Duong 217 (1989) 401
Obložinský, P., Preequilibrium γ rays from single-particle radiative transitions in the hybrid model 215 (1988) 597
Ochiai, F., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ochs, W. and J. Wosiek, Intermittency and jets 214 (1988) 617
Ochs, W. and T. Shimada, Born term for high-energy meson–hadron collisions from QCD and chiral quark model 215 (1988) 757
Odaka, S., see K. Abe 213 (1988) 400
O'Dell, V., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Odian, A., see J. Adler 227 (1989) 501
Odintsov, S.D., Effective potential in $N=1$ supergravity de Sitter space 213 (1988) 7
Odintsov, S.D., Gauge dependence of the effective action in multidimensional supergravities 214 (1988) 387
Odintsov, S.D., The Vilkovisky–De Witt effective action in multidimensional higher derivative gravity 215 (1988) 483
Odintsov, S.D., see I.L. Buchbinder 228 (1989) 104
O'Donnell, J.M., see A.L. Williams 216 (1989) 11
O'Donnell, P.J., see J.V. Noble 211 (1988) 373
O'Donnell, P.J., see R. Grigjanis 213 (1988) 355; 223 (1989) 239; 224 (1989) 209
Oelert, W., see P.D. Barnes 229 (1989) 432
Oerter, R.N., see S.J. Gates Jr. 214 (1988) 26; 218 (1989) 33
Oeschler, H., see D.H.E. Gross 224 (1989) 29
Oest, T., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Ogawa, K., see K. Abe 213 (1988) 400
Ogawa, M., see A. Bacala 218 (1989) 112
Ogihara, M., see K. Hagel 229 (1989) 20
Ogilvie, M., see B.R. Moore 223 (1989) 202
Ogloblin, A.A., see S.N. Ershov 227 (1989) 315
O'Grady, C., see P. Avery 223 (1989) 470
O'Grady, C., see R. Fulton 224 (1989) 445
O'Grady, C., see W.-Y. Chen 226 (1989) 192
O'Grady, C., see M.S. Alam 226 (1989) 401
Ogren, H., see S. Abachi 212 (1988) 533; 226 (1989) 405
Ogren, H., see C. Baglin 220 (1989) 471
Ogren, H., see A. Snyder 229 (1989) 169
Ogura, W., see A. Hosoya 225 (1989) 117
Ogura, W., Path integral quantization of Chern–Simons gauge theory 229 (1989) 61
Ohama, T., see K. Abe 213 (1988) 400
Ohara, S., see K.S. Hirata 220 (1989) 308
Ohashi, Y., see G. Pauletta 211 (1988) 19
Ohashi, Y., see N. Akchurin 229 (1989) 299
Ohba, I., see A.K. Kapoor 221 (1989) 125
Ohlsson, S., see P.D. Barnes 229 (1989) 432
Ohmori, C., N. Horikawa, Y. Ishida, T. Iwata, T. Kinashi, I. Maeda, T. Matsuda, T. Nakanishi, S. Okumi, K. Sakai, Y. Takeda, T. Toyama, M. Yasuno, Y. Kobayashi,

T. Nakagawa, S. Hiramatsu, S. Ishimoto, Y. Mori, H. Sato, T. Tsuru, T. Hasegawa, K. Mori, K. Iwatani, H. Hasai, F. Nishiyama, A. Ueno and J.A. Holt, Measurement of analyzing power at forward angle for elastic pd scattering at 3.5 GeV 230 (1989) 27
Ohnaka, S., see T. Kohmura 226 (1989) 207
Ohrndorf, Th., String ghost number violation in the operator formalism 215 (1988) 280
Ohrndorf, Th., The N-string amplitude. "Conserved charges" and generalized boundary variations 219 (1989) 83
Ohshima, T., see I. Adachi 218 (1989) 105
Ohsugi, T., see K. Abe 213 (1988) 400
Ohsumi, H., see H. Ejiri 228 (1989) 24
Ohta, K., see K. Kawarabayashi 216 (1989) 205
Ohta, K., see A. Bacala 218 (1989) 112
Ohta, K., see T. Mori 218 (1989) 499
Ohta, K., see S.K. Kim 223 (1989) 476
Ohta, K., see E.H. Low 228 (1989) 548
Ohtsubo, H., see B.K. Jeon 228 (1989) 304
Ohtsubo, N., see Y. Katsuki 212 (1988) 339; 218 (1989) 169; 227 (1989) 381
Oide, K., see K. Hirata 224 (1989) 437
Okabe, H., see S. Aoki 224 (1989) 441
Okabe, S., see Y. Hirabayashi 221 (1989) 227
Okada, Y., see P.H. Frampton 213 (1988) 260
Okada, Y., see H. Nishino 219 (1989) 258
Okamoto, Y., see M. Kenmoku 213 (1988) 160
Okamura, H., see R. De Leo 226 (1989) 5
Okamura, H., A. Sakaguchi, S. Hatori, H. Sakai, N. Matsuoka, M. Fujiwara, T. Noro, T. Motobayshi, S. Satoh, A. Okihana, T. Yamaya, O. Satoh and S.-I. Hayakawa, Excitation of spin- and isospin-flip states with the (d, $d_{S=0}$) reaction 227 (1989) 204
Okihana, A., see H. Okamura 227 (1989) 204
Okonov, E., see H. Iwe 215 (1988) 465
Okuhara, Y., see H. Sagawa 219 (1989) 10
Okumi, S., see G. Pauletta 211 (1988) 19
Okumi, S., see C. Ohmori 230 (1989) 27
Okuno, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Okusawa, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Olechowski, M. and S. Pokorski, Hierarchy of quark masses in the isotopic doublets in $N=1$ supergravity models 214 (1988) 393
Olechowski, M., see H.-P. Nilles 228 (1989) 406
Olejník, Š., Do non-gaussian effects decrease tunneling probabilities? Three-loop instanton density for the double-well potential 221 (1989) 372
Olesen, P., see J. Ambjørn 214 (1988) 565; 218 (1989) 67; 220 (1989) 659
Olive, K.A., see S. Kalara 215 (1988) 265; 218 (1989) 148
Olive, K.A., see J. Ellis 215 (1988) 404; 225 (1989) 313; 228 (1989) 264
Olive, K.A., see F. Graziani 216 (1989) 31
Olive, K.A., see R. Mayle 219 (1989) 515
Olive, K.A. and M. Srednicki, New limits on parameters of the supersymmetric standard model from cosmology 230 (1989) 78
Oliveira, L.C.S., see I.V. Ajinenko 222 (1989) 306

Oliver, L., see E. Golowich 213 (1988) 521
Olkiewicz, K., see I.V. Ajinenko 222 (1989) 306
Ollitrault, J.-Y., see J.-P. Blaizot 217 (1989) 386, 392
Olsen, J.M., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Olsen, L., see T. Åkesson 214 (1988) 295
Olsen, S.L., see A. Bacala 218 (1989) 112
Olsen, S.L., see T. Mori 218 (1989) 499
Olsen, S.L., see S.K. Kim 223 (1989) 476
Olsen, S.L., see E.H. Low 228 (1989) 548
Olsen, W.C., see R. Abegg 218 (1989) 436
Olson, M., see L. Brekke 216 (1989) 53
Olsson, J., see S. Bethke 213 (1988) 235
Olszewski, R., see P. Weber 230 (1989) 31
OMICRON Collaboration, see G. Kernel 216 (1989) 244; 225 (1989) 198
Omori, T., see A. Bacala 218 (1989) 112
Omori, T., see T. Mori 218 (1989) 499
Omori, T., see S.K. Kim 223 (1989) 476
Omori, T., see E.H. Low 228 (1989) 548
Oms, J., see H.T. Duong 217 (1989) 401
O'Neale, S., see J. Guy 229 (1989) 421
Onel, Y., see N. Akchurin 229 (1989) 299
Ong, P., see J.C. Anjos 223 (1989) 267
Ong, R.A., see A. Snyder 229 (1989) 169
Onions, C., see R. Ansari 215 (1988) 175
Ono, A., see K. Abe 213 (1988) 400
Ono, Y., see Y. Katsuki 218 (1989) 169; 227 (1989) 381
Onodera, S., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ooguri, H., see M. Bershadsky 229 (1989) 374
Oraevsky, V.N. and V.N. Ursov, On the kinetic theory of an electron-neutrino plasma 221 (1989) 357
Oraevsky, V.N., V.B. Semikoz and Ya.A. Smorodinsky, Generation of mass and change of the neutrino helicity in a medium in the presence of right currents 227 (1989) 255
O'Raifeartaigh, L., see P. Forgács 227 (1989) 214
Ordóñez, C.R., M.A. Rubin and R. Zucchini, Polyakov path integrals with ghosts: closed strings and one-loop amplitudes 215 (1988) 103
Ordóñez, C.R. and M.A. Rubin, String quantization via dual Peierls brackets 216 (1989) 117
Oren, Y., see T. Åkesson 214 (1988) 295
Orloff, J., see F. Englert 212 (1988) 423
Orlova, G.I., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Orr, R.S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Ortín, T., A proof of BRST invariance 221 (1989) 294
Ortiz, M.E., see J. Pouliot 223 (1989) 16
Ortner, H.W., see P.D. Barnes 229 (1989) 432
Osabe, H., see K. Abe 213 (1988) 400
Osborn, H., Renormalisation group and two-point functions in bosonic σ models 214 (1988) 555
Osborn, H., Derivation of a four dimensional c-theorem for renormaliseable quantum field theories 222 (1989) 97

Osborne, A.M., see M. Arneodo 211 (1988) 493
Osborne, A.M., see J.J. Aubert 218 (1989) 248
Oset, E., E. Shiino and H. Toki, The (^{3}He, t) reaction on nucleons and nuclei 224 (1989) 249
Oset, E., see E. Hernández 226 (1989) 223
O'Shaughnessy, K.F., see A. Snyder 229 (1989) 169
Oshimo, N., see A. Bartl 216 (1989) 233
Oshimo, N., see Y. Kizukuri 220 (1989) 293
Oshimo, N., *CP* violation in W boson decay induced by supersymmetry 227 (1989) 124
Osipov, A.A., see R.M. Kashaev 222 (1989) 391
Osipov, A.A., Extensions of the Krichever–Novikov superalgebras in the Ramond and Neveu–Schwarz closed superstring theory 225 (1989) 83
Osipov, E.P., Sugawara's construction for Kac–Moody–Malcev algebras 214 (1988) 371
Osipov, E.P., Algebras of Kač–Moody–Malcev type on genus *g* Riemann surfaces 222 (1989) 43
Oskarsson, A., see R. Albrecht 221 (1989) 427
Osnes, E., see M. Hjorth-Jensen 228 (1989) 281
Osorio, M.A.R., see E. Álvarez 220 (1989) 121
Osterfeld, F., see N. Auerbach 219 (1989) 184
Otofuji, T., H. Kanada, S. Saito, M. Yasuno and R. Seki, Problems with the rotational collective coordinate method in the SU(3) Skyrme model of the baryon–baryon interaction 229 (1989) 343
Otsu, H., see Y. Igarashi 214 (1988) 445
Otsuka, T., see N. Yoshida 215 (1988) 15
Otsuka, T. and M. Sugita, Proton–neutron sdg boson model and spherical-deformed phase transition 215 (1988) 205
Otter, G., see S. Egli 222 (1989) 533
Otterlund, I., see R. Albrecht 221 (1989) 427
Otterlund, I., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Otterman, C., see R. Bertini 228 (1989) 531
Ottewell, D., see P. Weber 230 (1989) 31
Ottewell, D.F., see Z. Papandreou 227 (1989) 25
Ottewell, P.J., see J.F. Bak 213 (1988) 242
Otto, H.-J., see H. Dorn 221 (1989) 16
Ould-Saada, F., see S. Bethke 213 (1988) 235
Ouraou, A., see A.C. Benvenuti 223 (1989) 485, 490
Ouvry, S., R. Stora and P. van Baal, On the algebraic characterization of Witten's topological Yang–Mills theory 220 (1989) 159
Ouvry, S., see A. Comtet 225 (1989) 272
Ovchinnikov, A.A., The width of the decay $\bar{B}^0 \to \pi^+ e^- \bar{\nu}_e$ in QCD 229 (1989) 127
Ovchinnikov, B.M., see A.S. Barabash 223 (1989) 273
Overseth, O.E., see R.E. Breedon 216 (1989) 459
Ovrut, B.A., see M. Evans 214 (1988) 177
Owen, D.A., see A. Chodos 212 (1988) 491
Oyama, Y., see K.S. Hirata 220 (1989) 308
Oz, Y., see M. Moshe 224 (1989) 145
Ozaki, H., see D. Aston 215 (1988) 199, 799
Ozaki, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Özer, M., see H. Alhendi 213 (1988) 337

Paar, V., D. Vorkapić and K. Heyde, Chaoticity and intruder states for ^{147}Gd and ^{115}In 211 (1988) 265
Paban, S. and R. Tarrach, On the effective action and field renormalization for variational $\lambda\phi^4$ 213 (1988) 48
Pacheva, S.J., see E.R. Nissimov 221 (1989) 307; 228 (1989) 181
Padula, S.S., see M. Gyulassy 217 (1989) 181
Paetz gen. Schieck, H., see G. Böhm 220 (1989) 27
Paffuti, G., see G. Curci 215 (1988) 349
Paffuti, G., see A. Bondi 216 (1989) 345
Paffuti, G., see A. Di Giacomo 224 (1989) 324
Pain, R., see J.V. Allaby 213 (1988) 554
Pak, C.O., see D. Aston 215 (1988) 199, 799
Pakvasa, S., see J.L. Hewett 227 (1989) 178
Pál, K.F., see J.A. Sheikh 223 (1989) 1
Pal, P.B., see D.A. Dicus 218 (1989) 84
Pal, T., see R. Ansari 215 (1988) 175
Palano, A., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Palfrey, T.R., see T.J. Phillips 224 (1989) 348
Palka, H., see S. Barlag 218 (1989) 374
Palla, L., see Z. Horváth 229 (1989) 368
Pallaghy, P.K., see X.-G. He 218 (1989) 216
Palle, D., The dilaton as a scalar bound state of vectors 221 (1989) 389
Pallin, D., see M.H. Tixier 212 (1988) 523
Paludetto, P., see E. Borchi 222 (1989) 525
Paludetto, R., see F. Lemeilleur 222 (1989) 518
Palumbo, F., Coulombic potential in the strong coupling limit of compact QED with quasi-periodic boundary conditions 225 (1989) 407
Pan, R., see R. Su 230 (1989) 99
Panagiotakopoulos, C., see G. Lazarides 225 (1989) 66
Panagiotakopoulos, C., Naturally suppressed proton decay in a class of three generation superstring models 230 (1989) 52
Panagopoulos, H., see M. Campostrini 212 (1988) 206; 225 (1989) 403
Pancheri, G., see C. Albajar 226 (1989) 410; 229 (1989) 439
Panda, S. and S. Rao, Two-point function on a torus for the SU(3) W–Z–W theory 215 (1988) 530
Panferov, A.D., see S.V. Ilyin 227 (1989) 455
Panman, J., see J.V. Allaby 213 (1988) 554
Panose, K., see N.G. Deshpande 214 (1988) 467
Pansart, J.P., see T. Åkesson 214 (1988) 295
Pantaleone, J., see K.S. Babu 218 (1989) 233
Pantano, O., Constraints at a hadronization deflagration front 224 (1989) 195
Panzer, B., see G.D. Barr 214 (1988) 303
Panzieri, D., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Paolucci, P., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Papadopoulos, C.G., see G.A. Diamandis 227 (1989) 81
Papandreou, Z., G.J. Lolos, G.M. Huber, J.C. Cormier, S.I.H. Naqvi, D.F. Ottewell, P.L. Walden and G. Jones, The ^{12}C(π^-, pp)X reaction at 165 MeV 227 (1989) 25
Papandreou, Z., see P. Weber 230 (1989) 31

Papavassiliou, V., see V.W. Hughes 212 (1988) 511
Papavassiliou, V., see L.L. Frankfurt 230 (1989) 141
Para, A., see R.C. Walker 224 (1989) 353
Parikh, J.C., see S. Gupta 219 (1989) 354
París, J., see C. Battle 224 (1989) 288
Parisi, G., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Parisi, G., see L.A. Fernández 217 (1989) 309
Park, B.-Y. and M. Rho, Neutron–proton mass difference in the chiral hyperbag 220 (1989) 7
Park, C.H., see P. Avery 223 (1989) 470
Park, C.H., see R. Fulton 224 (1989) 445
Park, C.H., see W.-Y. Chen 226 (1989) 192
Park, C.H., see M.S. Alam 226 (1989) 401
Park, C.J., see J.K. Kim 224 (1989) 108
Park, I.H., see A. Bacala 218 (1989) 112
Park, I.H., see T. Mori 218 (1989) 499
Park, I.H., see S.K. Kim 223 (1989) 476
Park, I.H., see E.H. Low 228 (1989) 548
Park, N.W., J. Schechter and H. Weigel, Higher order perturbation theory for the SU(3) Skyrme model 224 (1989) 171
Park, N.W., J. Schechter and H. Weigel, Axial current matrix elements of the nucleon based on an exact diagonalization of the SU(3) Skyrme model hamiltonian 228 (1989) 420
Park, Q-H., Lagrangian formulation of coset conformal field theory 223 (1989) 175
Park, Q-H., see D.A. Depireux 224 (1989) 364
Park, S.H., see B. Rosenstein 219 (1989) 469
Park, S.U. and B.H. Cho, The Riemann problem and the sewing of two discs 212 (1988) 41
Park, S.U. and B.H. Cho, The extended Virasoro algebras from Z_N symmetric spectral equations 218 (1989) 200
Park, Y.M., see T. Åkesson 214 (1988) 295
Parker, M.A., see R. Ansari 215 (1988) 175
Parker, M.A., see J. Guy 229 (1989) 421
Parker, R.J.D., see J.S. Hagelin 215 (1988) 397
Parker, S.I., see A. Snyder 229 (1989) 169
Parkes, A., The two loop superstring vacuum amplitude and canonical divisors 217 (1989) 458
Parrinello, C., see G. Jona-Lasinio 213 (1988) 466
Parrish, L., see J. Adler 227 (1989) 501
Parrour, G., see R. Ansari 215 (1988) 175
Parsons, J.A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Partridge, R., see J. Adler 227 (1989) 501
Pascaud, C., see M. Arneodo 211 (1988) 493
Pashchuk, S.A., see N.A. Burkova 223 (1989) 136
Pass, C.N., see P.M. Evans 229 (1989) 25
Passarino, G. and R. Pittau, Polarized beams and final state heavy fermion polarization 215 (1988) 154
Passarino, G. and R. Pittau, M_W without Δr 228 (1989) 89
Pastore, F., see R. Ansari 215 (1988) 175
Pastrone, N., see C. Baglin 225 (1989) 296
Patel, A., see R. Gupta 211 (1988) 132

Patel, A., see S. Güsken 212 (1988) 216; 227 (1989) 266
Patel, A., R. Gupta, G.W. Kilcup and S.R. Sharpe, Sea quarks and the hadron spectrum 225 (1989) 398
Patel, P.M., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Pati, J.C., A unification of scales. From M_{Planck} to m_{ν} 228 (1989) 228
Patkós, A., see Z. Frei 222 (1989) 469; 229 (1989) 102
Patry, J.P., see K. Hagel 229 (1989) 20
Patyk, Z., see A. Sobiczewski 224 (1989) 1
Paul, E.S., see A.J. Kreiner 215 (1988) 629
Pauletta, G., M. Gazzaly, N. Tanaka, B. Aas, D. Adams, H. Fujisawa, S. Greene, H. Hasai, G. Igo, S. Ishimoto, K. Jones, D. Lopiano, A. Masaike, K. Iwatani, Y. Ohashi, S. Okumi, L. Santi, F. Sperisen and C. Whitten, A_{LL} at small momentum transfers for the first complete determination of the forward pp scattering amplitudes 211 (1988) 19
Pauletta, G., see G.S. Adams 219 (1989) 399
Pauletta, G., see N. Akchurin 229 (1989) 299
Paulini, M., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Paulot, C., see A. Antonelli 212 (1988) 133
Paulot, C., see D. Bisello 220 (1989) 321
Paulot, C., see Ch. Berger 227 (1989) 489
Pauss, F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Pavan, M., see P. Weber 230 (1989) 31
Paver, N., see C.A. Dominguez 211 (1988) 500; 214 (1988) 459
Paver, N., see P. Colangelo 222 (1989) 293
Pavlenko, O.P. and J. Pišút, Low mass dilepton production in pp and pA collisions as a signature of the thermalization of hadronic matter 220 (1989) 247
Pavón, D., Thermal instability of de Sitter vacuum 215 (1988) 64
Pavšič, M., see A.O. Barut 216 (1989) 297
Pavšič, M., The quantization of a point particle with extrinsic curvature leads to the Dirac equation 221 (1989) 264
Pawelczyk, J., see K.A. Meissner 217 (1989) 277
Pawlak, J.M., see W. Braunschweig 214 (1988) 286
Pawlek, P., see P.D. Barnes 229 (1989) 432
Pawlik, B., see M. Arneodo 211 (1988) 493
Payre, P., see M. Arneodo 211 (1988) 493
Payre, P., see J.J. Aubert 218 (1989) 248
Peach, K.J., see G.D. Barr 214 (1988) 303
Peccei, R.D., see D. London 223 (1989) 257
Pech, J., see P. Bacilieri 224 (1989) 333
Pech, Y., see P. Bacilieri 220 (1989) 607
Peck, C., see S. Keh 212 (1988) 123
Peck, C., see H. Janssen 228 (1989) 273
Peck, C., see A. Snyder 229 (1989) 169
Pedroni, P., see L. Jammes 227 (1989) 21
Pedroni, P., see G. Audit 227 (1989) 331
Péghaire, A., see K. Hagel 229 (1989) 20
Peigneux, J.P., see D. Alde 216 (1989) 447, 451
Peilert, G., see J. Aichelin 224 (1989) 34

Peitzmann, T., see R. Albrecht 221 (1989) 427
Pelfer, P.G., see S. Keh 212 (1988) 123
Pelfer, P.G., see H. Janssen 228 (1989) 273
Pelissetto, A., see S. Caracciolo 228 (1989) 375
Pellicoro, M., see L. Angelini 211 (1988) 472
Peltoniemi, J.T., see J. Maalampi 220 (1989) 441
Peñarrocha, J.A., see V. Giménez 214 (1988) 247; 223 (1989) 245
Peñarrocha, J.A., see J. Bordes 223 (1989) 251
Penati, S., see P. Howe 215 (1988) 555
Pendleton, B.J., see S.P. Booth 228 (1989) 115
Pène, O., see M.B. Gavela 211 (1988) 139
Pène, O., see E. Golowich 213 (1988) 521
Pène, O., see Ph. Boucaud 220 (1989) 219
Pennington, M.R., see D. Morgan 214 (1988) 273
Pennington, M.R., see E. Bagan 220 (1989) 453
Penrose, R., see A.P. Hodges 216 (1989) 48
Penso, G., see H. Cobbaert 213 (1988) 395
Pensotti, S., see F. Lemeilleur 222 (1989) 518
Pensotti, S., see E. Borchi 222 (1989) 525
Penzo, A., see F. Lemeilleur 222 (1989) 518
Penzo, A., see E. Borchi 222 (1989) 525
Penzo, A., see N. Akchurin 229 (1989) 299
Pepé, M., see S. Barlag 218 (1989) 374
Pepe, M., see R. Ansari 215 (1988) 175
Peralta, L., see C. Baglin 220 (1989) 471
Perault, C., see C. Albajar 213 (1988) 405
Percacci, R., see R. Floreanini 224 (1989) 291
Perdereau, O., see Ch. Berger 227 (1989) 489
Perdrisat, C.F., see G. Audit 227 (1989) 331
Pereira, D., G. Ramirez, O. Sala, L.C. Chamon, C.A. Rocha, J.C. Acquadro and C. Tenreiro, Effect of the threshold anomaly on the fusion cross sections for the systems $^{16}O+^{63,65}Cu$ 220 (1989) 347
Perepelitsa, V.F., see Yu.G. Abov 217 (1989) 225
Peresadko, N.G., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Peres Menezes, D., N. Yoshinaga and D. Bonatsos, Application of the commutator method for boson mapping 221 (1989) 103
Perez, P., see A. Bacala 218 (1989) 112
Perez, P., see T. Mori 218 (1989) 499
Perez, P., see S.K. Kim 223 (1989) 476
Pérez-Mercader, J., see J. León 221 (1989) 324
Pérez-Mercader, J., Wormholes and scalar masses 223 (1989) 300
Pérez-Mercader, J., see C. Gavilanes 228 (1989) 173
Peris, S., see J.A. Grifols 213 (1988) 482; 215 (1988) 593; 218 (1989) 508; 220 (1989) 591
Periwal, V., see R.C. Myers 225 (1989) 352
Perkins, W.B., see A.-C. Davis 228 (1989) 37
Perl, M.L., see A. Snyder 229 (1989) 169
Pernici, M., see J.M.F. Labastida 212 (1988) 56; 213 (1988) 319
Pernici, M., see P. Howe 215 (1988) 555

Peroni, C., see M. Arneodo 211 (1988) 493
Peroni, C., see J.J. Aubert 218 (1989) 248
Perreau, J.-M., see P. Astier 220 (1989) 646
Perrier, J., see J. Adler 227 (1989) 501
Perrin, G., see D. Lebrun 223 (1989) 139
Perrot, F., see R. Bertini 228 (1989) 531
Perroud, J.P., see R.E. Breedon 216 (1989) 459
Persson, S., see R. Albrecht 221 (1989) 427
Persson, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Perticone, D., see T. Mori 218 (1989) 499
Perticone, D., see P. Avery 223 (1989) 470
Perticone, D., see S.K. Kim 223 (1989) 476
Perticone, D., see R. Fulton 224 (1989) 445
Perticone, D., see W.-Y. Chen 226 (1989) 192
Perticone, D., see M.S. Alam 226 (1989) 401
Perticone, D., see E.H. Low 228 (1989) 548
Peruzzi, I., see H.R. Band 218 (1989) 369
Pescara, L., see A. Antonelli 212 (1988) 133
Pescara, L., see M.H. Tixier 212 (1988) 523
Pescara, L., see D. Bisello 220 (1989) 321
Peschanski, R., see B. Buschbeck 215 (1988) 788
Peschanski, R. and C.A. Savoy, Fermionic realizations of superstrings on orbifolds 221 (1989) 276
Peschanski, R., see A. Białas 229 (1989) 398
Peschel, H., see M. Arneodo 211 (1988) 493
Pessard, H., see M. Arneodo 211 (1988) 493
Pessard, H., see J.J. Aubert 218 (1989) 248
Pestieau, J., see G. Lopez Castro 222 (1989) 459
Pestieau, J., see C. Alacoque 228 (1989) 370
Petcher, D.N., see S. Bellucci 217 (1989) 289
Petcher, D.N., see M.F.L. Golterman 225 (1989) 159
Petcov, S.T., On the oscillations of solar neutrinos in the sun 214 (1988) 139
Petcov, S.T., An analytic description of three-neutrino oscillations in matter with varying density 214 (1988) 259
Petcov, S.T., see P.I. Krastev 214 (1988) 660
Petcov, S.T. and J. Rich, The effects of averaging on the matter-enhanced oscillations of solar neutrinos 224 (1989) 426
Péter, J., see K. Hagel 229 (1989) 20
Peters, J.H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Petersen, A., see S. Bethke 213 (1988) 235
Petersen, A., see A. Snyder 229 (1989) 169
Petersen, J.B.B., see K. Elsener 212 (1988) 537
Petersen, J.B.B., see J.F. Bak 213 (1988) 242
Petersen, J.L., J.R. Sidenius and A.K. Tollstén, Covariant loop calculus for the Neveu–Schwarz string 213 (1988) 30
Petersen, J.L., J.R. Sidenius and A.K. Tollstén, A note on multi-loop vertices in string theory 214 (1988) 533
Petersen, P.C., see R.E. Breedon 216 (1989) 459
Peterson, D., see P. Avery 223 (1989) 470

Peterson, D., see R. Fulton 224 (1989) 445
Peterson, D., see W.-Y. Chen 226 (1989) 192
Peterson, D., see M.S. Alam 226 (1989) 401
Peterson, G.A., see J. Lichtenstadt 219 (1989) 394
Petersson, B., see J. Jurkiewicz 213 (1988) 511
Petersson, B., see A. Irbäck 216 (1989) 177
Petkova, V.B., Structure constants of the (A, D) minimal $c<1$ conformal models 225 (1989) 357
Petković, T., see G. Backenstoss 222 (1989) 7
Petradza, M., see A. Snyder 229 (1989) 169
Petrarca, S., see M.B. Gavela 211 (1988) 139
Petrarca, S., see M. Lusignoli 226 (1989) 397
Petrera, S., see H. Cobbaert 213 (1988) 395
Petridou, Ch., see R. Ansari 215 (1988) 175
Petrillo, L., see C. Baglin 225 (1989) 296
Petrolo, E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Petronzio, R., see F. Karsch 212 (1988) 255
Petronzio, R., Gauge spins for the renormalisation of lattice gauge theories 224 (1989) 329
Petrov, N.V., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Petrov, V.A., see A.V. Kisselev 214 (1988) 434
Petrov, V.K., see O.A. Borisenko 221 (1989) 155
Petrov, V.Yu., see D.I. Diakonov 224 (1989) 131; 226 (1989) 372
Petrushin, V.I., see Yu.G. Abov 217 (1989) 225
Pettingale, J., see M. Arneodo 211 (1988) 493
Pettorino, R., see G. Cristofano 211 (1988) 417; 217 (1989) 59
Pezzella, F., g-loop vertices for free fermions and bosons 220 (1989) 544
Pfeiffer, A., see T. Åkesson 214 (1988) 295
Pfister, H., see D. Brill 228 (1989) 359
Pfitzner, A., L. Münchow and P. Mädler, Beyond the Born collision term. Inclusion of density fluctuations in one-body dynamics 218 (1989) 295
Pham, D.L., see R. de Swiniarski 213 (1988) 247
Pham, T.N., Scalar meson nonet in the gauged chiral model 217 (1989) 165
Phillips, G.C., see N. Akchurin 229 (1989) 299
Phillips, R.J.N., see H. Baer 220 (1989) 303; 221 (1989) 398
Phillips, T.J., J. Matthews, E. Aprile, D. Cline, J. Gaidos, K.L. Giboni, G. Kalkanis, R. Loveless, R. March, R. McHenry, A. More, R. Morse, J. Negret, T.R. Palfrey, C. Rubbia, G. Sembroski, C. Wilson, D.R. Winn and W. Worstell, A search for nucleon decay with multiple muon decays 224 (1989) 348
Phillips, W.R., R.V.F. Janssens, I. Ahmad, H. Emling, R. Holzmann, T.L. Khoo and M.W. Drigert, Octupole correlation effects near $Z=56$, $N=88$ 212 (1988) 402
Pi, M., X. Viñas, F. Garcias and M. Barranco, $\hbar^4$-order variational Thomas–Fermi calculations of finite nuclei: the local case 215 (1988) 5
Pi, M., see E. Suraud 229 (1989) 359
Pia, M.G., see C. Baglin 225 (1989) 296
Piano Mortari, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Piasetzky, E., see D. Ashery 215 (1988) 41
Picard, J., see A. Magnon 222 (1989) 352
Piccolo, M., see H.R. Band 218 (1989) 369

Picek, I., see J.O. Eeg 214 (1988) 651; 224 (1989) 205
Pich, A., see S. Narison 211 (1988) 183
Pich, A., see G. Ecker 223 (1989) 425
Picken, R.F., see F. Freire 222 (1989) 253
Piegaia, R., see V.W. Hughes 212 (1988) 511
Piekarz, H., see J.R. Bensinger 215 (1988) 195
Piekarz, J., see J.R. Bensinger 215 (1988) 195
Piemontese, L., see A.C. Benvenuti 223 (1989) 485, 490
Pierazzini, G.M., see G.D. Barr 214 (1988) 303
Pierre, F., see H.-J. Behrend 212 (1988) 515
Pietarinen, E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Pietrzyk, B., see M. Arneodo 211 (1988) 493
Pietrzyk, U., see M. Arneodo 211 (1988) 493
Pietrzyk, U., see J.J. Aubert 218 (1989) 248
Pignanelli, M., see R. De Leo 226 (1989) 5, 202
Pignault, G., see G.S. Adams 219 (1989) 399
Pigot, C., see C. Albajar 213 (1988) 405
Piguet, O., see H. Balasin 215 (1988) 328
Piguet, O. and K. Sibold, Reduction of couplings in the presence of parameters 229 (1989) 83
Piilonen, L., see A. Bacala 218 (1989) 112
Piilonen, L., see T. Mori 218 (1989) 499
Piilonen, L., see S.K. Kim 223 (1989) 476
Piilonen, L., see E.H. Low 228 (1989) 548
Piiparinen, M., see H. Emling 217 (1989) 33
Pijlgroms, B., see G.D. Barr 214 (1988) 303
Pilch, K., see D.Z. Freedman 213 (1988) 331
Pilotte, S., see P. Taras 222 (1989) 357
Pimenta, M., see C. Baglin 220 (1989) 471
Pimentel, L.O. and J. Stein-Schabes, Inflation in anisotropic scalar–tensor theories 216 (1989) 27
Pimiä, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Pinard, J., see H.T. Duong 217 (1989) 401
Pines, D., see T.L. Ainsworth 222 (1989) 173
Pinfold, J., see J.C. Anjos 223 (1989) 267
Pinston, J.A., D. Barneoud, V. Bellini, S. Drissi, J. Guillot, J. Julien, M. Kwato Njock, M. Maurel, H. Nifenecker, F. Schussler and J.P. Vorlet, Nuclear bremsstrahlung production in proton–nucleus reactions at 168 and 200 MeV 218 (1989) 128
Pipkin, F.M., see P. Avery 223 (1989) 470
Pipkin, F.M., see R. Fulton 224 (1989) 445
Pipkin, F.M., see W.-Y. Chen 226 (1989) 192
Pipkin, F.M., see M.S. Alam 226 (1989) 401
Piragino, G., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Piran, T., see F. Englert 212 (1988) 423
Pire, B., see J.L. Alonso 228 (1989) 425
Pirner, H.J., see J. Hüfner 215 (1988) 218
Pirner, H.J., see G. Yen 218 (1989) 408
Pisharody, M., see P. Avery 223 (1989) 470
Pisharody, M., see R. Fulton 224 (1989) 445

Pisharody, M., see W.-Y. Chen 226 (1989) 192
Pisharody, M., see M.S. Alam 226 (1989) 401
Pisk, K., see R. Horvat 214 (1988) 490
Pistilli, P., see H. Cobbaert 213 (1988) 395
Pišút, J., see I. Horváth 214 (1988) 237
Pišút, J., see O.P. Pavlenko 220 (1989) 247
Pitman, D., see J. Adler 227 (1989) 501
Pittau, R., see G. Passarino 215 (1988) 154; 228 (1989) 89
Pittel, S., see R. Bijker 219 (1989) 5
Pittel, S., see J. Engel 225 (1989) 5
Pitz, H.H., see C. Wesselborg 211 (1988) 500
Piuz, F., see T. Åkesson 214 (1988) 295
Pizzi, J.R., see C. Baglin 220 (1989) 471
Placci, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Plaetzer, S.A., see J. Adler 227 (1989) 501
Plagnol, E., L. Vinet, D.R. Bowman, Y.D. Chan, R.J. Charity, E. Chavez, S.B. Gazes, H. Han, W.L. Kehoe, M.A. McMahan, L.G. Moretto, R.G. Stokstad, G.J. Wozniak and G. Auger, Where has all the fusion gone...? 221 (1989) 11
Plagnol, E., see J. Pouliot 223 (1989) 16
Plasil, F., see R. Albrecht 221 (1989) 427
Playfer, S.M., see G. Kernel 216 (1989) 244; 225 (1989) 198
Pleško, M., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Pless, I.A., see T. Kitagaki 214 (1988) 281
Pló, M., see E. Andersen 220 (1989) 328
Plothow-Besch, H., see R. Ansari 215 (1988) 175
Plümer, M., see P.A. Carruthers 212 (1988) 369; 214 (1988) 661
Plümer, M., see G.N. Fowler 214 (1988) 657
Pobylitsa, P.V., see D.I. Diakonov 226 (1989) 372
Pobylitsa, P.V., The quark propagator and correlation functions in the instanton vacuum 226 (1989) 387
Pochodzalla, J., see D.E. Fields 220 (1989) 356
Podobrin, O., see H.-J. Behrend 212 (1988) 515; 218 (1989) 493; 222 (1989) 163
Poelz, G., see W. Braunschweig 214 (1988) 286
Poggi, G., see M. Bini 221 (1989) 99
Poggioli, L., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Pogosyan, D.Yu., see L.A. Kofman 214 (1988) 508
Pokorski, S., see M. Olechowski 214 (1988) 393
Pokorski, S., see J. Kalinowski 219 (1989) 116
Pokorski, S., see H.-P. Nilles 228 (1989) 406
Polchinski, J., see S.P. de Alwis 218 (1989) 449
Polchinski, J., The phase of the sum over spheres 219 (1989) 251
Polchinski, J., see J. Dai 220 (1989) 387
Polikarpov, M.I., see V.L. Eletsky 215 (1988) 139
Polikarpov, M.I., see A. Di Giacomo 224 (1989) 324
Poling, R., see A. Bacala 218 (1989) 112
Poling, R., see T. Mori 218 (1989) 499
Poling, R., see P. Avery 223 (1989) 470

Poling, R., see S.K. Kim 223 (1989) 476
Poling, R., see R. Fulton 224 (1989) 445
Poling, R., see W.-Y. Chen 226 (1989) 192
Poling, R., see M.S. Alam 226 (1989) 401
Poling, R., see E.H. Low 228 (1989) 548
Pollarolo, G., see C.H. Dasso 217 (1989) 25
Pollarolo, G., see J.H. Sørensen 225 (1989) 41
Polley, L. and U. Ritschel, Second-order phase transition in $\lambda\phi_2^4$ with non-gaussian variational approximation 221 (1989) 44
Pollock, B., see S. Keh 212 (1988) 123
Pollock, B., see H. Janssen 228 (1989) 273
Pollock, M.D., Is inflation compatible with strong induced galaxy formation, Phys. Lett. B 185 (1987) 34. Erratum 214 (1988) 660
Pollock, M.D., On the initial conditions for super-exponential inflation 215 (1988) 635
Pollock, M.D. and D. Sahdev, Pole-law inflation in a theory of induced gravity 222 (1989) 12
Pollock, M.D., On the origin of compactification in the superstring theory 227 (1989) 221
Pollock, S., see J. Kunz 222 (1989) 481
Polls, A., see A. Ramos 219 (1989) 15
Polonyi, J., Confinement of triality 213 (1988) 340
Polverel, M., see R. Ansari 215 (1988) 175
Polychronakos, V., see T. Åkesson 214 (1988) 295
Pomansky, A.A., see A.S. Barabash 223 (1989) 273
Pons, Y., see P. Astier 220 (1989) 646
Pönsgen, B., see M. Arneodo 211 (1988) 493
Pontecorvo, G.B., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Ponting, C., see P. Weber 230 (1989) 31
Ponzano, G., see M. Caselle 224 (1989) 303
Poole, J., see C. Baglin 225 (1989) 296
Pope, C.N., see M.J. Duff 223 (1989) 386; 225 (1989) 319
Pope, C.N., see E.A. Bergshoeff 224 (1989) 71
Pope, C.N. and P.K. Townsend, Conformal higher spin in (2+1) dimensions 225 (1989) 245
Pope, C.N. and K.S. Stelle, $SU(\infty)$, $SU_+(\infty)$ and area-preserving algebras 226 (1989) 257
Popovic, D.S., see M. Blagojević 214 (1988) 47
Poppe, M., see H.-J. Behrend 215 (1988) 186
Poppitz, E.R., see N.V. Krasnikov 222 (1989) 66
Porrati, M., see M. Mangano 215 (1988) 317
Porrati, M., see S. Ferrara 216 (1989) 289
Porte, J.-P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Porter, F.C., see S. Keh 212 (1988) 123
Porter, F.C., see H. Janssen 228 (1989) 273
Porter, F.C., see A. Snyder 229 (1989) 169
Porth, P., see E. Andersen 220 (1989) 328
Poskanzer, A.M., see H.H. Gutbrod 216 (1989) 267
Poskanzer, A.M., see R. Albrecht 221 (1989) 427
Pösnecker, K.-U., see W. Braunschweig 214 (1988) 286
Posocco, M., see D. Bisello 220 (1989) 321
Poster, R., see J.R. Bensinger 215 (1988) 195

Poth, H., see A. Angelopoulos 212 (1988) 129
Pötsch, M., see M. Arneodo 211 (1988) 493
Potterveld, D., see R.C. Walker 224 (1989) 353
Potthoff, J., see S. Albeverio 217 (1989) 511
Potting, R., H.-S. Tao and C. Taylor, Hamiltonian BRST quantization of the interacting antisymmetric tensor field 215 (1988) 537
Potvin, L., see J. Pouliot 223 (1989) 16
Poulard, G., see H. Cobbaert 213 (1988) 395
Poulard, G., see T. Åkesson 214 (1988) 295
Poulard, G., see S. Aoki 224 (1989) 441
Poulet, M., see C. Baglin 225 (1989) 296
Pouliot, J., Y.D. Chan, A. Dacal, D.E. DiGregorio, B.A. Harmon, R. Knop, M.E. Ortiz, E. Plagnol, R.G. Stokstad, C. Moisan, L. Potvin, C. Rioux and R. Roy, Excitation and multiple dissociation of ^{16}O, ^{14}N and ^{12}C projectiles at 32.5 MeV per nucleon 223 (1989) 16
Poutiainen, P., see L. Bergström 214 (1988) 630
Poves, A., see P. Baumann 228 (1989) 458
Povh, B., see J. Hüfner 215 (1988) 772
Powel, B., see E. Andersen 220 (1989) 328
Powers, R., see G. Backenstoss 222 (1989) 7
Pozzo, A., see C. Baglin 225 (1989) 296
Pradhan, A., see D.A. Cebra 227 (1989) 336
Pradisi, G. and A. Sagnotti, Open string orbifolds 216 (1989) 59
Prakash, M., see C. Adami 217 (1989) 5
Prakash, M., see T. Hatsuda 224 (1989) 11
Praszalowicz, M., see G. Couture 229 (1989) 139
Predazzi, E., see I. Bediaga 215 (1988) 166
Preischl, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Prentice, J.D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Preparata, G., see L. Angelini 211 (1988) 472
Prepost, R., see H.R. Band 218 (1989) 369
Preskill, J., S.P. Trivedi and M.B. Wise, Wormholes in spacetime and θ_{QCD} 223 (1989) 26
Prete, G., see M. Gonin 217 (1989) 406
Prevot, N., see G. Reifenröther 214 (1988) 325
Prevot, N., see M. Doser 215 (1988) 792
Price, L.E., see S. Abachi 212 (1988) 533; 226 (1989) 405
Price, M., see T. Åkesson 214 (1988) 295
Price, P.B., see K. Kinoshita 228 (1989) 543
Prieels, R., see P. Argan 213 (1988) 564
Prindle, D., see S. Keh 212 (1988) 123
Prindle, D., see H. Janssen 228 (1989) 273
Pringle, D.M., see W.J. Vermeer 217 (1989) 28
Procario, M., see P. Avery 223 (1989) 470
Procario, M., see R. Fulton 224 (1989) 445
Procario, M., see W.-Y. Chen 226 (1989) 192
Procario, M., see M.S. Alam 226 (1989) 401
Prokhorov, L.V. and S.V. Shabanov, The role of the Weyl group in gauge theories 216 (1989) 341

Prokoshkin, Yu.D., see D. Alde 216 (1989) 447, 451
Proriol, J., see M. Mjaed 217 (1989) 560
Prosi, R., see C. Albajar 226 (1989) 410; 229 (1989) 439
Prosser, S.J., see T.A. Armstrong 221 (1989) 221
Pruys, H.S., see S. Egli 222 (1989) 533
Pugh, D.J.R. and M. Teper, An improved geometric algorithm for calculating the topology of lattice gauge fields 218 (1989) 326
Pugh, D.J.R. and M. Teper, Topological dislocations in the continuum limit of SU(2) lattice gauge theory 224 (1989) 159
Pulido, J., Solar neutrinos: magnetic moments and masses 216 (1989) 419
Punkar, G., see J.C. Anjos 223 (1989) 267
Purohit, M.V., see J.C. Anjos 223 (1989) 267
Purschke, M., see R. Albrecht 221 (1989) 427
Puszkarz, W., Ambiguity in the evolution of string-generated cosmological models 226 (1989) 39
Putaux, J.C., see H.T. Duong 217 (1989) 401
Pyrlik, J., see H.R. Band 218 (1989) 369

Qi, N., see H.R. Band 218 (1989) 369
Qian, W.Y., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Quader, M.A., see H. Emling 217 (1989) 33
Quast, G., see G.D. Barr 214 (1988) 303
Quercigh, E., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Quevedo, F., see A. Font 213 (1988) 274, 564; 217 (1989) 272; 224 (1989) 79; 227 (1989) 34; 228 (1989) 79
Quick, R.M. and H.G. Miller, Form factors in hybrid chiral solitons 222 (1989) 333
Quin, P.A. and T.A. Girard, Sensitivity of the polarized nucleus–beta polarization correlation to right-handed currents in the weak interaction 229 (1989) 29
Quinn, B., see E. Andersen 220 (1989) 328
Quinn, B., see P.D. Barnes 229 (1989) 432
Quint, E.N.M., see S.Y. van der Werf 216 (1989) 15
Quint, E.N.M., see G.J. Kramer 227 (1989) 199
Quirós, M., see A.H. Chamseddine 227 (1989) 41

R-704 Collaboration, see C. Baglin 225 (1989) 296
Raab, J.R., see J.C. Anjos 223 (1989) 267
Rabinovici, E., see A. Giveon 220 (1989) 551
Racca, C., see C. Baglin 220 (1989) 471
Raciti, M., F. Riva and D. Zanon, Perturbative approach to $D=10$ superspace supergravity with a Lorentz Chern–Simons form 227 (1989) 118
Radak, B., see S.J. Gates Jr. 226 (1989) 237
Radermacher, E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Radford, D.C., see P. Taras 222 (1989) 357
Ragazzi, S., see E. Bellotti 221 (1989) 209
Ragnarsson, I., see H. Emling 217 (1989) 33
Ragnarsson, I., see R.K. Sheline 219 (1989) 47
Raha, S., see P.A. Carruthers 212 (1988) 369; 214 (1988) 661
Raha, S. and B. Sinha, Quark–gluon plasma diagnostics and J/ψ suppression in nuclear collisions 218 (1989) 413
Raha, S., see S. Chakrabarty 229 (1989) 112
Rahimov, A.M., see A.E. Dorokhov 220 (1989) 14
Rahm, D., see T. Åkesson 214 (1988) 295
Rahman, M., see S.N. Sinha 218 (1989) 333
Rahmanov, M.A., see R.E. Kallosh 211 (1988) 71; 214 (1988) 549
Rahmanov, M.A., see E.A. Bergshoeff 223 (1989) 391
Rajaraman, R., see P. Mitra 225 (1989) 267
Rajeev, S.G., Yang–Mills theory on a cylinder 212 (1988) 203
Rajeev, S.G., Non-abelian bosonization without Wess–Zumino terms. I. New current algebra 217 (1989) 123
Rakowski, M., see D. Birmingham 212 (1988) 187; 214 (1988) 381
Rakowski, M. and G. Thompson, Connections on vector bundles over super-Riemann surfaces 220 (1989) 557
Ramallo, A.V., Chiral Schwinger model with massive fermions 211 (1988) 440
Ramallo, A.V., see J.M.F. Labastida 222 (1989) 231; 227 (1989) 92; 228 (1989) 214
Ramcke, R., see S. Bethke 213 (1988) 235
Ramello, L., see H. Cobbaert 213 (1988) 395
Ramello, L., see T. Åkesson 214 (1988) 295
Ramello, L., see F. Lemeilleur 222 (1989) 518
Ramello, L., see E. Borchi 222 (1989) 525
Ramil, A., see E. Andersen 220 (1989) 328
Ramírez, C., see J. Gamboa 225 (1989) 335
Ramirez, G., see D. Pereira 220 (1989) 347
Ramos, A., W.H. Dickhoff and A. Polls, Hole–hole propagation and saturation 219 (1989) 15
Ramos, S., see C. Baglin 220 (1989) 471
Ramschütz, J., see J. Götz 226 (1989) 213
Rancoita, P.G., see F. Lemeilleur 222 (1989) 518
Rancoita, P.G., see E. Borchi 222 (1989) 525
Randall, L., see B. Grinstein 211 (1988) 363; 217 (1989) 335
Randall, L., see J.M. Flynn 216 (1989) 221; 224 (1989) 221
Randrup, J., see C. Dorso 215 (1988) 611
Ranfone, S., see G.F. Giudice 212 (1988) 181
Rangacharyulu, C., see G. Hartung 221 (1989) 109

Ranitzsch, K.H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Raniwala, R., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Raniwala, S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Rankin, P., see A. Snyder 229 (1989) 169
Rao, N.K., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Rao, S., see S. Panda 215 (1988) 530
Rao, S., see A. Khare 227 (1989) 424
Rao, S., see D.P. Jatkar 229 (1989) 67
Rapuano, F., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Rasheed, M.S., see M.A. Ahmed 215 (1988) 767; 227 (1989) 270
Rasmussen, L., see R. Ansari 215 (1988) 175
Ratcliff, B.N., see D. Aston 215 (1988) 199, 799
Rath, M.G., see J.R. Bensinger 215 (1988) 195
Ratoff, P., see S. Keh 212 (1988) 123
Ratoff, P., see H. Janssen 228 (1989) 273
Ratoff, P.N., see W. Braunschweig 214 (1988) 286
Raupach, F., see Ch. Berger 227 (1989) 489
Rauprich, G., see G. Böhm 220 (1989) 27
Ravanini, F., see P. Christe 217 (1989) 252
Ravishankar, V., Polarized deep inelastic electron scattering and nuclear structure at short distances 223 (1989) 225
Ravishankar, V., see B. Banerjee 224 (1989) 16
Ravn, H.L., see P. Baumann 228 (1989) 458
Rawool, M.W., see D. Ashery 215 (1988) 41
Rawool, M.W., see A.L. Williams 216 (1989) 11
Ray, A., see H. Utsunomiya 211 (1988) 24
Raychaudhuri, A., see S.F. Novaes 225 (1989) 191
Raynal, J., see R. de Swiniarski 213 (1988) 247
Raynal, J., H.S. Sherif, A.M. Kobos, E.D. Cooper and J.I. Johansson, Dirac coupled channel calculations and nucleon scattering at large momentum transfer 218 (1989) 403
Raynal, J.C., see E. Golowich 213 (1988) 521
Raywood, K., see M.A. Moinester 230 (1989) 41
Razin, V.I., see G.S. Atoyan 220 (1989) 317
Read, A.L., see N. Akchurin 229 (1989) 299
Read Jr., A.L., see H.R. Band 218 (1989) 369
Rebel, H., see K. Grotowski 223 (1989) 287
Rebelo, M.N., see G.C. Branco 225 (1989) 385
Rebreyend, D., see D. Lebrun 223 (1989) 139
Recami, E., see W.A. Rodrigues Jr. 220 (1989) 195
Reckenfelderbäumer, R., see G. Böhm 220 (1989) 27
Redaelli, N., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Redelberger, T., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Redlich, A.N., BRST string field theory from Wilson's renormalization group 213 (1988) 285
Redlich, A.N., New conformal fixed points near the SU(N) WZW model for large N 217 (1989) 129
Redlich, K. and H. Satz, Higher representation Wilson lines in SU(2) lattice gauge theory 213 (1988) 191
Reffay, D., see A. Magnon 222 (1989) 352
Regimbart, R., see K. Hagel 229 (1989) 20

Rego Monteiro, M., see P. Fré 219 (1989) 419
Reich, H., see H. Leucker 223 (1989) 277
Reid, J.H., G. Tupper and M. van Zijl, A study of the amplitude zero in $W^- \to \text{jet} + \text{jet} + \gamma$ using the Lund model 218 (1989) 473
Reide, F., see N. Willis 229 (1989) 33
Reidemeister, G., see F. Michel 220 (1989) 479
Reidenbach, M., see S. Keh 212 (1988) 123
Reidenbach, M., see H. Albrecht 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Reidenbach, M., see H. Janssen 228 (1989) 273
Reifenröther, G., S. Ahmad, C. Amsler, R. Armenteros, E.G. Auld, D.A. Axen, D. Bailey, S. Barlag, G.A. Beer, J.C. Bizot, M. Botlo, M. Comyn, W. Dahme, B. Delcourt, M. Doser, K.D. Duch, K.L. Erdman, F. Feld-Dahme, U. Gastaldi, M. Heel, B. Howard, R. Howard, J. Jeanjean, H. Kalinowsky, F. Kayser, E. Klempt, C. Laa, R. Landua, G.M. Marshall, B. May, H. Nguyen, N. Prevot, J. Riedlberger, L.P. Robertson, C. Sabev, U. Schäfer, O. Schreiber, U. Straumann, P. Truoel, H. Vonach, P. Weidenauer, B.L. White, W.R. Wodrich and M. Ziegler, Cascade time of antiprotons in gaseous hydrogen 214 (1988) 325
Reifenröther, J., see B. May 225 (1989) 450
Reim, K., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Reimer, P., see A.C. Benvenuti 223 (1989) 485, 490
Rein, D., see S. Barshay 218 (1989) 337
Reinders, L.J. and S. Yazaki, A QCD sum rule calculation of the $B\bar{B}$ mixing matrix element $\langle \bar{B}^0 | O_{\Delta B=2} | B^0 \rangle$ 212 (1988) 245
Reiner, K., P. Grabmayr, G. Mauser, G. Mertens, G.J. Wagner, J. Friedrich, N. Voegler, K.T. Knöpfle, J. Ryckebusch, K. Heyde, D. Van Neck and M. Waroquier, (e, e′p) study of the continuum of ^{58}Ni above the giant resonance region 228 (1989) 31
Reinhard, P.-G., see J. Fink 218 (1989) 277
Reinhard, P.-G., see V. Blum 223 (1989) 123
Reinhard, P.-G., see H.-G. Döbereiner 227 (1989) 305
Reinhardt, H. and R. Wünsch, The soliton of the effective chiral action 215 (1988) 577
Reinhardt, H., see R. Alkofer 218 (1989) 75
Reinhardt, H. and R. Wünsch, Topological solitons of the Nambu–Jona-Lasinio model 230 (1989) 93
Reinhardt, J., see G. Soff 211 (1988) 179
Reiss, D.B., see R. Holman 215 (1988) 256
Reiss, D.B., see H. Dreiner 216 (1989) 283
Reithler, H., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Remaud, B., see M.F. Rivet 215 (1988) 55
Remaud, B., see E. Suraud 229 (1989) 359
Remiddi, E., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Renard, F.M., see F. Boudjema 214 (1988) 151
Renard, F.M. and C. Verzegnassi, Searches of new vector bosons at the Z peak 217 (1989) 199
Renard, F.M. and D. Schildknecht, Relating the fundamental coupling constants via a stability principle 219 (1989) 481
Renard, F.M. and C. Verzegnassi, Special features of Z couplings to fermions and new physics detection 221 (1989) 197
Renard, F.M. and C. Verzegnassi, Visible and characteristic new physics effects on the total and partial Z widths 225 (1989) 431

Renard, F.M. and D. Schildknecht, The stability principle, $\sin^2\theta_w$ and the mass of the top quark 225 (1989) 443
Renger, B., see S. Keh 212 (1988) 123
Renger, B., see H. Janssen 228 (1989) 273
Renk, B., see G.D. Barr 214 (1988) 303
Renton, P., see M. Arneodo 211 (1988) 493
Repellin, J.-P., see R. Ansari 215 (1988) 175
Repko, W.W., see A. Abbasabadi 213 (1988) 386
Repko, W.W., see D.A. Dicus 228 (1989) 503
Repond, J., see S. Abachi 212 (1988) 533; 226 (1989) 405
Reshetin, A.I., see M.B. Golubeva 221 (1989) 238
Restuccia, A. and J.G. Taylor, A new approach to closed string field theory 213 (1988) 11
Restuccia, A. and J.G. Taylor, On closure of the light-cone gauge closed superstring algebra 213 (1988) 16
Restuccia, A. and J.G. Taylor, Multi-loops for light-cone gauge superstrings 214 (1988) 527
Retamal, J.C., see J. Alfaro 222 (1989) 429
Retamoso, J., see P. Baumann 228 (1989) 458
Reusen, G., see P. Dendooven 226 (1989) 27
Reusser, D., see P. Fisher 218 (1989) 257
Reuter, U., see K.-H. Speidel 227 (1989) 16
Reuter, U., F. Hagelberg, S. Kremeyer, H.-J. Simonis, K.-H. Speidel, M. Knopp, W. Karle, J. Cub, P.N. Tandon and J. Gerber, Large transient magnetic fields for single electron O-ions on a 10 fs time scale 230 (1989) 16
Révai, J., see V.B. Belyaev 219 (1989) 157
Revel, D., see W. Braunschweig 214 (1988) 286
Revol, J.-P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Reya, E., see M. Glück 222 (1989) 149
Rhee, J.T., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Rho, M., see B.-Y. Park 220 (1989) 7
Rho, M., see N.N. Scoccola 220 (1989) 658
Rho, M., see G.E. Brown 222 (1989) 324
Riazuddin, see C.A. Dominguez 214 (1988) 459
Ribarics, P., see M. Arneodo 211 (1988) 493
Riccati, I., see E. Borchi 222 (1989) 525
Riccati, L., see H. Cobbaert 213 (1988) 395
Riccati, L., see T. Åkesson 214 (1988) 295
Riccati, L., see F. Lemeilleur 222 (1989) 518
Rich, J., see S.T. Petcov 224 (1989) 426
Richard, J.M., see S. Fleck 220 (1989) 616
Richard-Serre, C., see P. Baumann 228 (1989) 458
Richardson, J., see S. Barlag 218 (1989) 374
Richert, J., see S.K. Samaddar 218 (1989) 381
Rich-Hennion, P., see A.C. Benvenuti 223 (1989) 485
Richman, J.D., see J. Adler 227 (1989) 501
Richter, A., see D. Frekers 218 (1989) 439
Richter, A., see K.-G. Dietrich 220 (1989) 351
Richter, A., see G. Hartung 221 (1989) 109
Richter, A., see N. Lo Iudice 228 (1989) 291

Richter, B., see A. Snyder 229 (1989) 169
Ridolfi, G., see G.F. Giudice 211 (1988) 370
Ridolfi, G., see A. Masiero 212 (1988) 171; 213 (1988) 562
Riedberger, J., see M. Doser 215 (1988) 792
Riedinger, L.L., see J. Dudek 211 (1988) 252; 213 (1988) 120
Riedlberger, J., see G. Reifenröther 214 (1988) 325
Riedlberger, J., see B. May 225 (1989) 450
Riemann, T. and M. Sachwitz, Z-boson line shape and $\sin^2\theta_w$ 212 (1988) 488
Riemann, T., see D. Bardin 229 (1989) 405
Rieseberg, H., see S. Bethke 213 (1988) 235
Riess, F., see M. Gai 215 (1988) 242
Riester, J.L., see E. Andersen 220 (1989) 328
Rikovska, J. and D. Bonatsos, Structure of even–even actinides in the interacting boson model and the $N=152$ subshell closure 211 (1988) 259
Riles, K., see A. Snyder 229 (1989) 169
Riley, D., see P. Avery 223 (1989) 470
Riley, D., see R. Fulton 224 (1989) 445
Riley, D., see W.-Y. Chen 226 (1989) 192
Riley, D., see M.S. Alam 226 (1989) 401
Rimoldi, A., see R. Ansari 215 (1988) 175
Rinaldi, M., see L. Bonora 216 (1989) 313; 218 (1989) 153
Rinaudo, G., see C. Baglin 225 (1989) 296
Ring, P., see W. Koepf 212 (1988) 397
Ring, P., see U. Hofmann 214 (1988) 307
Ring, P., see H. Kucharek 216 (1989) 249
Ringwald, A., Sphaleron and level crossing 213 (1988) 61
Riordan, E.M., see R.C. Walker 224 (1989) 353
Rioux, C., see J. Pouliot 223 (1989) 16
Ripka, G., see M. Jaminon 227 (1989) 191
Rippich, C., see S. Keh 212 (1988) 123
Rippich, C., see H. Janssen 228 (1989) 273
Riska, D.O., see E.M. Nyman 211 (1988) 6; 215 (1988) 29
Riska, D.O., see K. Dannbom 227 (1989) 291
Riska, D.O. and B. Schwesinger, The isospin independent spin–orbit interaction in the Skyrme model 229 (1989) 339
Riskalla, R., see A. Antonelli 212 (1988) 133
Riskalla, R., see D. Bisello 220 (1989) 321
Rith, K., see M. Arneodo 211 (1988) 493
Rith, K., see J.J. Aubert 218 (1989) 248
Ritschel, U., see L. Polley 221 (1989) 44
Ritschel, U., Instability of autonomous $\lambda\phi^4_{3+1}$ 227 (1989) 251
Ritson, D.M., see H.R. Band 218 (1989) 369
Ritter, H.-G., see H.H. Gutbrod 216 (1989) 267
Ritter, H.-G., see R. Albrecht 221 (1989) 427
Ritz, S., see W. Braunschweig 214 (1988) 286
Ritz, S., see J. Ellis 214 (1988) 403
Riva, F., see M. Raciti 227 (1989) 118

Rivelles, V.O., see M. Gomes 218 (1989) 63
Rivet, M.F., B. Borderie, C. Grégoire, D. Jouan and B. Remaud, Dynamical aspects of violent collisions in Ar+Ag reactions at $E/A=27$ MeV 215 (1988) 55
Rivoal, M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Rizaoğlu, E., see K.G. Akdeniz 215 (1988) 81
Rizos, J. and K. Tamvakis, A new SU(5) model 212 (1988) 176
Rizzo, T.G., see R.W. Robinett 215 (1988) 777
Rizzo, T.G., Triple gauge boson decay of heavy Higgs bosons 217 (1989) 191
Rizzo, T.G., Single $W_R^{\pm}$ production at TeV e^+e^- colliders in an alternative left–right symmetric model 226 (1989) 113
Rizzo, T.G. and R.W. Robinett, Triple gauge boson decay of new neutral gauge bosons 226 (1989) 117
Roberts, I.G., see H. Cobbaert 213 (1988) 395
Roberts, J.B., see N. Akchurin 229 (1989) 299
Roberts, J.W., see P. Fallon 218 (1989) 137
Roberts, J.W., see A. Alderson 228 (1989) 463
Roberts, P., see B.E.W. Nilsson 222 (1989) 35
Roberts, R.G., see F.E. Close 213 (1988) 91
Roberts, R.G., see J.D. Jackson 226 (1989) 159
Roberts, R.G., see A.D. Martin 228 (1989) 149
Robertson, G.D., Torus knots are rigid string instantons 226 (1989) 244
Robertson, L.P., see G. Reifenröther 214 (1988) 325
Robertson, L.P., see M. Doser 215 (1988) 792
Robertson, L.P., see B. May 225 (1989) 450
Robinett, R.W. and T.G. Rizzo, Axigluon production at ep colliders 215 (1988) 777
Robinett, R.W., Flavor-changing decays of toponium 218 (1989) 476
Robinett, R.W., see R.S. Fletcher 225 (1989) 176
Robinett, R.W., see T.G. Rizzo 226 (1989) 117
Robinett, R.W., $\psi\psi$ production and multiple parton interactions at supercollider energies 230 (1989) 153
Robinson, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Robinson, S., see J. Copnel 222 (1989) 1
Robinson, S.J., see H.G. Börner 215 (1988) 45
Robinson, S.J., see K.P. Lieb 215 (1988) 50
Robson, B.A., see Y. Kondō 227 (1989) 310
Robson, D., see T. Gutsche 229 (1989) 333
Roca, J., see C. Battle 224 (1989) 288
Roček, M., see A. Karlhede 212 (1988) 51; 224 (1989) 58
Roček, M., see T.H. Hansson 214 (1988) 475; 225 (1989) 92
Roček, M., see U. Lindström 218 (1989) 207; 224 (1989) 285; 228 (1989) 53
Roček, M., see S.J. Gates Jr. 225 (1989) 44
Roček, M., W. Siegel, P. van Nieuwenhuizen and A.E. van de Ven, Covariant superparticle quantization in a super Maxwell background 227 (1989) 87
Rocha, C.A., see D. Pereira 220 (1989) 347
Roche, G., J. Bystricky, J. Carroll, J. Gordon, T. Hallman, G. Igo, P. Kirk, G.F. Krebs, G. Landaud, A. Letessier-Selvon, L. Madansky, H.S. Matis, D. Miller, C. Naudet, L.S. Schroeder, P.A. Seidl, Z.F. Wang, R. Welsh and A. Yegneswaran, Dielectron production in Ca+Ca collisions at 1.0 and 2.0 A GeV 226 (1989) 228
Rochford, P., see D.J. Rowe 218 (1989) 386

Rock, S.E., see R.C. Walker 224 (1989) 353
Rodenberg, R., see G. Kreyerhoff 226 (1989) 323
Rodgers, M., see G. Audit 227 (1989) 331
Rodnov, Yu.V., see D. Alde 216 (1989) 447, 451
Rodrigo, T., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Rodrigues, J.P., see W. de Beer 213 (1988) 291
Rodrigues, J.P. and A. van Tonder, Spin structures for Riemann surfaces with boundaries and cross-caps 217 (1989) 85
Rodrigues Jr., W.A., E. Recami, A. Maia Jr. and M.A.F. Rosa, The classical problem of the charge and pole motion. A satisfactory formalism by Clifford algebras 220 (1989) 195
Rogers, A., Contour integration on super-Riemann surfaces 213 (1988) 37
Rohlf, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Rohrer, H., see G.D. Barr 214 (1988) 303
Rohringer, H., see E. Andersen 220 (1989) 328
Roig, F., see C. García-Recio 222 (1989) 329
Roldán, J., see J. Bernabéu 211 (1988) 226
Rollof, H.R., see I.V. Ajinenko 222 (1989) 306
Romana, A., see C. Baglin 220 (1989) 471
Romani, R.W., Low frequency gravity wave spectra generated by cosmic strings 215 (1988) 477
Romano, G., see H. Cobbaert 213 (1988) 395
Romano, G., see T. Åkesson 214 (1988) 295
Romano, G., see S. Aoki 224 (1989) 441
Romano, J.D., see A. Ashtekar 229 (1989) 56
Romão, J.C., see M.C. Bento 218 (1989) 162; 220 (1989) 113
Ronat, E., see W. Braunschweig 214 (1988) 286
Roncadelli, M., see J.-P. Derendinger 220 (1989) 164
Roncolini, S., see L.A. Fernández 217 (1989) 309
Rondio, E., see M. Arneodo 211 (1988) 493
Rondio, E., see L.L. Frankfurt 230 (1989) 141
Ronjin, V.M., see I.V. Ajinenko 222 (1989) 306
Ronningen, R.M., see M.B. Tsang 220 (1989) 492
Roos, M., see J. Maalampi 220 (1989) 441; 226 (1989) 127; 229 (1989) 388
Roosen, R., see H. Cobbaert 213 (1988) 395
Ros, E., see W. Braunschweig 214 (1988) 286
Rosa, G., see H. Cobbaert 213 (1988) 395
Rosa, G., see T. Åkesson 214 (1988) 295
Rosa, G., see S. Aoki 224 (1989) 441
Rosa, M.A.F., see W.A. Rodrigues Jr. 220 (1989) 195
Rosanov, A., see J.V. Allaby 213 (1988) 554
Rosato, E., see K. Hagel 229 (1989) 20
Rosen, S.P., $D_s \to \phi\pi$ as a test of flavor and nonet symmetry in charmed meson decays 218 (1989) 353
Rosen, S.P., Flavor selection rules and two-body decays of charmed mesons into pseudoscalar plus vector mesons 228 (1989) 525
Rosenberg, L.J., see H.R. Band 218 (1989) 369
Rosenfeld, C., see A. Bacala 218 (1989) 112
Rosenfeld, C., see T. Mori 218 (1989) 499
Rosenfeld, C., see S.K. Kim 223 (1989) 476

Rosenfeld, C., see E.H. Low 228 (1989) 548
Rosenstein, B. and B.J. Warr, Dynamical symmetry breaking in 2+1 dimensions 218 (1989) 465
Rosenstein, B., B.J. Warr and S.H. Park, "Explicit versus dynamical" breaking of chiral symmetry 219 (1989) 469
Rosenzweig, C. and A.M. Srivastava, Bulk vibrations and twists in global cosmic strings 222 (1989) 368
Rosly, A., see A. Morozov 214 (1988) 522
Rosly, A., see A. Losev 216 (1989) 94
Rosner, J.L., see E.V. Shuryak 218 (1989) 72
Rosner, J.L., Observability of charge asymmetries for lepton pairs produced in present collider experiments 221 (1989) 85
Ross, D.A., see G.J. Daniell 224 (1989) 166
Ross, D.A., see S.F. King 228 (1989) 363
Ross, G.G., Hierarchy generation in compactified supersymmetric models 211 (1988) 315
Ross, G.G., see G. Altarelli 212 (1988) 391
Ross, G.G., see C.A. Lütken 213 (1988) 152; 214 (1988) 357
Ross, G.G., see J.D. Jackson 226 (1989) 159
Ross, G.G., see A. Font 227 (1989) 34
Rossi, G.C., see A. Borrelli 221 (1989) 360
Rossi, G.C., see G. Corbò 221 (1989) 367; 225 (1989) 463
Rossi, L., see E. Bellotti 221 (1989) 209
Rossi, L., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Rossi, P., see G. Curci 215 (1988) 349
Rossi, P., see A. Bondi 216 (1989) 345
Rössle, E., see R. Büchle 213 (1988) 125
Rössle, E., see P.D. Barnes 229 (1989) 432
Rost, M., see G.D. Barr 214 (1988) 303
Rostovtsev, A., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Roth, B.D.B., A general approach to quantum fields and strings on adeles 213 (1988) 263
Rotondi, A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Roulet, E., see G.F. Giudice 211 (1988) 370; 219 (1989) 309
Roussarie, A., see R. Ansari 215 (1988) 175
Roussière, B., see H.T. Duong 217 (1989) 401
Rowe, D.J., P. Rochford and J. Carvalho, Vorticity as intrinsic spin in the nuclear collective model 218 (1989) 386
Rowley, N., see J.A. Sheikh 223 (1989) 1
Rowson, P.C., see A. Snyder 229 (1989) 169
Roy, G., see A. Boudard 214 (1988) 6
Roy, G., see R. Abegg 218 (1989) 436
Roy, J., see D. Ghosh 218 (1989) 431
Roy, N., K.H. Maier, A. Aprahamian, J.A. Becker, D.J. Decman, E.A. Henry, L.G. Mann, R.A. Meyer, W. Stoeffl and G.L. Struble, Electromagnetic decay of 10^+ states and yrast isomers in ^{208}Pb 221 (1989) 6
Roy, Ph., see A. Antonelli 212 (1988) 133
Roy, Ph., see D. Bisello 220 (1989) 321
Roy, Ph., see Ch. Berger 227 (1989) 489
Roy, R., see J. Pouliot 223 (1989) 16

Roy, S.M. and V. Singh, Ramond–Neveu–Schwarz string with new boundary conditions 214 (1988) 182
Rozaki, H., see A. Angelopoulos 212 (1988) 129
Rozhdestvensky, A.M., see F. Balestra 230 (1989) 36
Rozon, F.M., see P. Weber 230 (1989) 31
Ruan, M., see H. Zhang 218 (1989) 133
Ruback, P.J., see G.W. Gibbons 215 (1988) 653
Rubakov, V.A. and P.G. Tinyakov, Gravitational instantons and creation of expanding universes 214 (1988) 334
Rubakov, V.A., On third quantization and the cosmological constant 214 (1988) 503
Rubakov, V.A., see D.Yu. Grigoriev 216 (1989) 172
Rubashkin, A.L., see N.A. Burkova 223 (1989) 136
Rubbia, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Rubbia, C., see T.J. Phillips 224 (1989) 348
Rubin, M.A., see C.R. Ordóñez 215 (1988) 103; 216 (1989) 117
Rubinstein, H.R., see L. Bergström 214 (1988) 630
Rubio, B., see H. Kader 227 (1989) 325
Ruchti, R.C., see J.R. Bensinger 215 (1988) 195
Ruelle, P., see C. Alacoque 211 (1988) 59
Ruf, T., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Ruggieri, F., see H. Cobbaert 213 (1988) 395
Ruhlmann, V., see R. Ansari 215 (1988) 175
Ruiz-Altaba, M., see L. Huerta 216 (1989) 371
Ruiz-Altaba, M., see J. Gamboa 225 (1989) 335
Ruiz-Altaba, M., see J. Barcelos-Neto 228 (1989) 193
Ruiz Arriola, E., see Th. Meissner 214 (1988) 312
Ruiz Arriola, E., Chr.V. Christov and K. Goeke, Medium effects on nucleon properties 225 (1989) 22
Ruiz Ruiz, F., Thermal energy in Robertson–Walker universes 219 (1989) 408
Rummukainen, K., see K. Kajantie 223 (1989) 213
Rusack, R.W., see R.E. Breedon 216 (1989) 459
Rusjan, E. and G. Senjanović, Honest symmetries and complex structures of the three-generation superstring model 214 (1988) 193
Rusjan, E. and G. Senjanović, A superstring model of four generations 215 (1988) 669
Rusjan, E., see R.N. Mohapatra 225 (1989) 73
Russ, J., see T. Åkesson 214 (1988) 295
Russo, J., Multiloop amplitudes for the bosonic string in the operator formalism 220 (1989) 104
Rust, D.R., see S. Abachi 212 (1988) 533; 226 (1989) 405
Rust, D.R., see A. Snyder 229 (1989) 169
Ruuskanen, P.V. and D. Seibert, Two-particle correlations from droplet formation in high multiplicity $\bar{p}p$ events 213 (1988) 227
Ryabov, Yu.V., see G.S. Atoyan 220 (1989) 317
Rybicki, K., see S. Barlag 218 (1989) 374
Rybin, A.M., see I.V. Ajinenko 222 (1989) 306
Ryckbosch, D., see A. De Graeve 227 (1989) 321
Ryckebusch, J., K. Heyde, D. van Neck and M. Waroquier, Quasi-elastic $^{16}O(e, e'p)$ cross sections in a self-consistent microscopic model 216 (1989) 252
Ryckebusch, J., see K. Heyde 218 (1989) 287

Ryckebusch, J., K. Heyde, D. Van Neck and M. Waroquier, On the separation between the longitudinal and transverse strength in quasi-elastic (e, e'p) reactions 222 (1989) 183
Ryckebusch, J., see K. Reiner 228 (1989) 31
Rytel, L., see Z. Jaskólski 214 (1988) 661
Ryzak, Z., Scattering amplitudes from higher dimensional *p*-adic world sheets, Phys. Lett. B 208 (1988) 411. Erratum 214 (1988) 661
Ryzak, Z., Spin content of the proton in the Skyrme model 217 (1989) 325
Ryzak, Z., see H. Goldberg 218 (1989) 348
Ryzak, Z., Spin content of the proton in the Skyrme model, Phys. Lett. B 217 (1989) 325. Erratum 224 (1989) 450
Ryzhikh, G.G., see R.A. Eramzhyan 228 (1989) 1
Rzehorz, B., see G. Backenstoss 222 (1989) 7

Saarikko, H.M.T., see I.V. Ajinenko 222 (1989) 306
Sabeur, Z., see I.M. Barbour 215 (1988) 567
Sabev, C., see G. Reifenröther 214 (1988) 325
Sabev, C., see M. Doser 215 (1988) 792
Sabev, C., see B. May 225 (1989) 450
Sachrajda, C.T., see G. Martinelli 217 (1989) 319
Sachrajda, C.T., see Ph. Boucaud 220 (1989) 219
Sachrajda, C.T., see M. Crisafulli 223 (1989) 90
Sachwitz, M., see T. Riemann 212 (1988) 488
Sachwitz, M., see D. Bardin 229 (1989) 405
Sacquin, Y., see A.C. Benvenuti 223 (1989) 485, 490
Sacton, J., see J. Guy 229 (1989) 421
Sadler, M.E., see G.J. Kim 219 (1989) 62
Sadoff, A.J., see P. Avery 223 (1989) 470
Sadoff, A.J., see R. Fulton 224 (1989) 445
Sadoff, A.J., see W.-Y. Chen 226 (1989) 192
Sadoff, A.J., see M.S. Alam 226 (1989) 401
Sadovsky, S.A., see D. Alde 216 (1989) 447, 451
Sadrozinski, H.F.W., see J. Adler 227 (1989) 501
Sadrozinski, H.F.W., see A. Snyder 229 (1989) 169
Sagawa, H., see N. Yoshida 215 (1988) 15
Sagawa, H., see A. Bacala 218 (1989) 112
Sagawa, H., see T. Mori 218 (1989) 499
Sagawa, H., P.M. Boucher, B. Castel and Y. Okuhara, The missing charge problem and many-body correlation effects 219 (1989) 10
Sagawa, H., see S.K. Kim 223 (1989) 476
Sagawa, H., see E.H. Low 228 (1989) 548
Sagnotti, A., see M. Bianchi 211 (1988) 407
Sagnotti, A., see G. Pradisi 216 (1989) 59
Saha, A., see R. Soundranayagam 212 (1988) 13
Sahdev, D., see M.D. Pollock 222 (1989) 12
Sai, F., see I. Adachi 218 (1989) 105
Saidi, E.H., $N=1$ complex supersymmetric theory in the harmonic superspace 214 (1988) 83
Saidkhanov, N., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Sailer, K., see I. Lovas 220 (1989) 229
Saini, S., see R. Albrecht 221 (1989) 427
Sainio, M.E., see J. Gasser 213 (1988) 85
Saint-Aubin, Y., see L. Benoit 215 (1988) 517
Saint-Laurent, F., see K. Hagel 229 (1989) 20
Saint-Laurent, F., see E. Suraud 229 (1989) 359
Saito, H., see K. Abe 213 (1988) 400
Saito, K., see C. Ishii 216 (1989) 409
Saito, S., see T. Otofuji 229 (1989) 343
Saito, T. and K. Wu, Vertex operator and BRST charges on higher genus Riemann surfaces 220 (1989) 93
Sajot, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sakae, H., see K. Abe 213 (1988) 400
Sakaguchi, A., see H. Okamura 227 (1989) 204

Sakai, H., see H. Okamura 227 (1989) 204
Sakai, K., see C. Ohmori 230 (1989) 27
Sakai, S., see Y. Hara 221 (1989) 67
Sakai, Y., see A. Bacala 218 (1989) 112
Sakai, Y., see T. Mori 218 (1989) 499
Sakai, Y., see S.K. Kim 223 (1989) 476
Sakai, Y., see E.H. Low 228 (1989) 548
Sakamoto, H., see K. Abe 213 (1988) 400
Sakamoto, S., see K. Abe 213 (1988) 400
Sakamoto, S., see A. Bacala 218 (1989) 112
Sakamoto, S., see T. Mori 218 (1989) 499
Sakamoto, S., see S.K. Kim 223 (1989) 476
Sakano, M., see K. Abe 213 (1988) 400
Sakelliou, L., see A. Angelopoulos 212 (1988) 129
Sakrejda, G., see E. Andersen 220 (1989) 328
Sakrejda, I., see E. Andersen 220 (1989) 328
Sakuda, M., see K. Abe 213 (1988) 400
Sakuda, M., see K. Hagiwara 219 (1989) 369
Sakuragi, Y., Breakup effect on ^{6}Li–nucleus scattering at intermediate energies 220 (1989) 22
Sakuragi, Y., see Y. Hirabayashi 221 (1989) 227
Sala, O., see D. Pereira 220 (1989) 347
Saladin, J.X., see M.S. Kaplan 215 (1988) 251
Salas, J., see A. González-Arroyo 214 (1988) 418
Salati, P., see E.D. Carlson 218 (1989) 79
Salecker, H., see A. Feldmeier 223 (1989) 234
Salina, G., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Salmanova, N.A., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Salmeron, R.A., see C. Baglin 220 (1989) 471
Salomonson, P., see B.E.W. Nilsson 222 (1989) 35
Salvato, G., see N. Akchurin 229 (1989) 299
Salvini, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Salvini, P., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Salvisberg, P., see G. Backenstoss 222 (1989) 7
Samaddar, S.K., see K. Krishan 211 (1988) 269
Samaddar, S.K. and J. Richert, Effect of short- and long-range interactions on cluster multiplicities in finite excited systems 218 (1989) 381
Samaddar, S.K., see D. Bandyopadhyay 218 (1989) 391
Samanta, C., D. Bandyopadhyay and J.N. De, Incompressibility of asymmetric nuclear matter 217 (1989) 381
Samhammer, R., see H. Hofmann 229 (1989) 309
Samoilov, V.V. and M.G. Urin, Many-phonon coupled-channel approach and neutron strength functions 219 (1989) 169
Samols, T.M., see N.S. Manton 215 (1988) 559
Samoylenko, V.D., see D. Alde 216 (1989) 447, 451
Samuel, S., see O. Lechtenfeld 213 (1988) 431
Samyn, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sánchez, M.F., see J. León 221 (1989) 324

Sánchez, N., see C.O. Loustó 212 (1988) 411; 220 (1989) 55
Sánchez, N. and M. Signore, String theories and millisecond pulsars 214 (1988) 14
Sánchez, N., see H.J. de Vega 216 (1989) 97
Sánchez, N. and M. Signore, The cosmological microwave background radiation, cosmic and superconducting strings 219 (1989) 413
Sanda, A.I., see I.I. Bigi 211 (1988) 213
Sanda, A.I., see C.S. Lim 218 (1989) 343
Sandacz, A., see M. Arneodo 211 (1988) 493
Sandacz, A., see L.L. Frankfurt 230 (1989) 141
Sander, H.G., see G.D. Barr 214 (1988) 303
Sanders, S.J., see P.M. Evans 229 (1989) 25
Sanjosé, V. and V. Vento, Structure functions in the chiral bag model 225 (1989) 15
Sannes, F., see A. Bacala 218 (1989) 112
Sannes, F., see T. Mori 218 (1989) 499
Sannes, F., see S.K. Kim 223 (1989) 476
Sannes, F., see E.H. Low 228 (1989) 548
Sano, M., M. Wakai and H. Bandō, Possibility of H-particle production in high-energy nuclear collisions 224 (1989) 359
Sansum, R.A., see J. Guy 229 (1989) 421
Santamaria, A., see S. Bertolini 213 (1988) 487; 220 (1989) 597
Santi, L., see G. Pauletta 211 (1988) 19
Santo, R., see R. Albrecht 221 (1989) 427
Santoni, C., see J.V. Allaby 213 (1988) 554
Santoro, A.F.S., see J.C. Anjos 223 (1989) 267
Santos, D., see A.J. Kreiner 215 (1988) 629
Santroni, A., see C. Baglin 225 (1989) 296
Sapozhnikov, M.G., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Sapozhnikov, M.G., see L.A. Kondratyuk 220 (1989) 333
Sapper, M., see P. Avery 223 (1989) 470
Sapper, M., see R. Fulton 224 (1989) 445
Sapper, M., see W.-Y. Chen 226 (1989) 192
Sapper, M., see M.S. Alam 226 (1989) 401
Sarantites, D.G., see M.B. Tsang 220 (1989) 492
Sarantities, D.G., D.R. Bowman, G.J. Wozniak, R.J. Charity, Z.H. Liu, R.J. McDonald, M.A. McMahan and L.G. Moretto, Complex fragments from excited actinide nuclei. A new test of the finite range model 218 (1989) 427
Sarantsev, A.V. and V.E. Starodubsky, The Drell–Yan process in nuclear medium 226 (1989) 216
Sarcevic, I., see G. Baym 219 (1989) 205
Sarikov, N.A., see Yu.L. Kalinovsky 211 (1988) 350
Sarkar, S., see J. Ellis 215 (1988) 404
Sarkar, U., see D. Choudhury 217 (1989) 341
Sarno, R., see P. Bacilieri 224 (1989) 333
Sarno, R., see M. Bernaschi 228 (1989) 383
Sarriguren, P., J. Martorell and D.W.L. Sprung, The $\rho\pi\gamma$ process in elastic e,d scattering 228 (1989) 285
Sartori, P., see A. Antonelli 212 (1988) 133
Sartori, P., see M.H. Tixier 212 (1988) 523
Sartori, P., see D. Bisello 220 (1989) 321

Saruis, A.M., see M. Cavinato 213 (1988) 111
Sasaki, M., see T. Kitagaki 214 (1988) 281
Sasaki, M., see Y. Nambu 219 (1989) 240
Sasaki, R., see H.W. Braden 227 (1989) 411
Sasaki, T., see A. Bacala 218 (1989) 112
Sasaki, T., see T. Mori 218 (1989) 499
Sasaki, T., see S.K. Kim 223 (1989) 476
Sasaki, T., see E.H. Low 228 (1989) 548
Sasao, N., see K. Abe 213 (1988) 400
Sasayama, N., see I. Adachi 218 (1989) 105; 229 (1989) 427
Sass, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sato, H., see C. Ohmori 230 (1989) 27
Sato, M., see K. Abe 213 (1988) 400
Sato, M., see T. Kitagaki 214 (1988) 281
Sato, N., see K.S. Hirata 220 (1989) 308
Sato, T., see I. Adachi 218 (1989) 105
Sato, T., see B.K. Jeon 228 (1989) 304
Sato, Y., see S. Aoki 224 (1989) 441
Satoh, O., see H. Okamura 227 (1989) 204
Satoh, S., see H. Okamura 227 (1989) 204
Satz, H., see K. Redlich 213 (1988) 191
Sauerwein, C., see R. Büchle 213 (1988) 125
Sau Lan Wu, see W. Braunschweig 214 (1988) 286
Sauvage, G., see R. Ansari 215 (1988) 175
Sauvage, J., see H.T. Duong 217 (1989) 401
Savage, M.J., Semileptonic decay of the top quark to a heavy lepton 222 (1989) 513
Savard, G., see H.T. Duong 217 (1989) 401
Savcı, M., see A. Ebrahim 215 (1988) 457; 227 (1989) 6
Savin, I.A., see A.C. Benvenuti 223 (1989) 485, 490
Savitskij, G.A., see N.A. Burkova 223 (1989) 136
Savoy, C.A., see R. Peschanski 221 (1989) 276
Savvidy, G.K., see T.A. Arakelyan 214 (1988) 350; 223 (1989) 41
Sawada, S., see Y. Igarashi 214 (1988) 445
Sawada, T., Anomaly of the pion–pion phase shift 225 (1989) 291
Saxon, D.H., see W. Braunschweig 214 (1988) 286
Saxon, D.H., see M.G. Bowler 221 (1989) 415
Sazdović, B., see M. Blagojević 214 (1988) 47; 223 (1989) 325, 331
Sazonov, A., see D. Bardin 229 (1989) 405
Scadron, M.D., see M. Anselmino 229 (1989) 117
Scarlatella, M., see J. Adler 227 (1989) 501
Scarr, J.M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Schaad, T., see A. Snyder 229 (1989) 169
Schacher, J., see R. Ansari 215 (1988) 175
Schacht, P., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Schaden, M., see M. Lavelle 217 (1989) 551
Schaefer, U., see M. Doser 215 (1988) 792
Schaefer, U., see B. May 225 (1989) 450

Schael, S., see H. Albrecht 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schäfer, A., Bremsstrahlung production of light extended particles 211 (1988) 207
Schäfer, A., The Chernyak–Zhitnitsky wave function and the elastic proton form factor 217 (1989) 545
Schäfer, A., see L.L. Frankfurt 230 (1989) 141
Schäfer, M., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schäfer, M., T.S. Biró, W. Cassing and U. Mosel, e^+e^- production in proton–neutron collisions 221 (1989) 1
Schäfer, U., see G. Reifenröther 214 (1988) 325
Schaffer, A.C., see G.D. Barr 214 (1988) 303
Schalk, T.L., see J. Adler 227 (1989) 501
Schalk, T.L., see A. Snyder 229 (1989) 169
Schaposnik, F.A. and G. Thompson, Topological field theory and two-dimensional abelian-Higgs instantons 224 (1989) 379
Schaposnik, F.A., see L.F. Cugliandolo 224 (1989) 407
Schechter, J., see N.W. Park 224 (1989) 171; 228 (1989) 420
Scheck, H., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Scheck, H., A simple explanation for the enhanced baryon rate in direct Υ decays 224 (1989) 343
Scheer, M., see M. Arneodo 211 (1988) 493
Scheer, M., see S. Keh 212 (1988) 123
Scheer, M., see H. Janssen 228 (1989) 273
Schellekens, A.N., see W. Lerche 214 (1988) 41
Schellekens, A.N. and S. Yankielowicz, Curiosities at $c=24$ 226 (1989) 285
Schellekens, A.N. and S. Yankielowicz, Modular invariants from simple currents. An explicit proof 227 (1989) 387
Schellman, H., see A. Snyder 229 (1989) 169
Schiavilla, R., Longitudinal and transverse response functions of three-body nuclei 218 (1989) 1
Schiavon, P., see N. Akchurin 229 (1989) 299
Schiemann, H., see M. Arneodo 211 (1988) 493
Schiemenz, P., see H. Kader 227 (1989) 325
Schiffer, K., G.B. Hagemann, B. Herskind, K. Theine, W. Schmitz, H. Hübel, R. Chapman, D. Clarke, F. Khazaie, J.C. Lisle and J.N. Mo, Ridge lifetimes in ^{167,168}Yb 219 (1989) 52
Schildknecht, D., see C.L. Bilchak 214 (1988) 441
Schildknecht, D., see F.M. Renard 219 (1989) 481; 225 (1989) 443
Schiller, A., see G.L. Kotkin 221 (1989) 96
Schilling, K., see S. Güsken 212 (1988) 216; 227 (1989) 266
Schilling, S., see A.L. Williams 216 (1989) 11
Schimmrigk, R., see M. Lynker 215 (1988) 681
Schimmrigk, R., see S.P. de Alwis 218 (1989) 449
Schimmrigk, R., Heterotic RG flow fixed points with non-diagonal affine invariants 229 (1989) 227
Schindler, R.H., see J. Adler 227 (1989) 501
Schinzel, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Schioppa, M., see A. Antonelli 212 (1988) 133
Schioppa, M., see D. Bisello 220 (1989) 321
Schippers, J.M., see R. De Leo 226 (1989) 5, 202

Schlagböhmer, A., see M. Arneodo 211 (1988) 493
Schledermann, H., see P.D. Barnes 229 (1989) 432
Schlein, P.E., see R. Bonino 211 (1988) 239
Schleper, P., see Ch. Berger 227 (1989) 489
Schmidke, W.B., see A. Snyder 229 (1989) 169
Schmidt, D., see S. Bethke 213 (1988) 235
Schmidt, H.-J., The equivalence of conformally and minimally coupled scalar fields in Einstein's theory of gravity 214 (1988) 519
Schmidt, H.R., see H.H. Gutbrod 216 (1989) 267
Schmidt, H.R., see R. Albrecht 221 (1989) 427
Schmidt, R., B. Kämpfer, H. Feldmeier and O. Knospe, Relativistic effects in molecular dynamics simulations of heavy-ion collisions 229 (1989) 197
Schmidt-Parzefall, W., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schmitt, H., see R. Büchle 213 (1988) 125
Schmitt, H., see P.D. Barnes 229 (1989) 432
Schmitt, P., see S. Keh 212 (1988) 123
Schmitt, P., see H. Janssen 228 (1989) 273
Schmitt, R.P., see H. Utsunomiya 211 (1988) 24
Schmitt, R.P., see M. Gonin 217 (1989) 406
Schmitz, M., see G. Koch 218 (1989) 143
Schmitz, N., see M. Arneodo 211 (1988) 493
Schmitz, W., see A.P. Byrne 217 (1989) 38
Schmitz, W., see K. Schiffer 219 (1989) 52
Schneegans, M., see M. Arneodo 211 (1988) 493
Schneegans, M., see J.J. Aubert 218 (1989) 248
Schneekloth, U., see S. Bethke 213 (1988) 235
Schneider, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Schnetzer, S., see A. Bacala 218 (1989) 112
Schnetzer, S., see T. Mori 218 (1989) 499
Schnetzer, S., see S.K. Kim 223 (1989) 476
Schnetzer, S., see E.H. Low 228 (1989) 548
Schnitzer, H.J., see D. Karabali 216 (1989) 307
Schnitzer, H.J., Where are the inverted multiplets of meson spectroscopy? 226 (1989) 171
Schoch, B., see G. Koch 218 (1989) 143
Scholl, M., see U. Marquard 227 (1989) 227, 234
Scholten, L., see I.V. Ajinenko 222 (1989) 306
Scholten, O., see K.-G. Dietrich 220 (1989) 351
Scholz, M., see M. Arneodo 211 (1988) 493
Scholz, S., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Schotanus, J., see S. Keh 212 (1988) 123
Schotanus, J., see H. Janssen 228 (1989) 273
Schramm, D.N., see R. Cowsik 218 (1989) 91
Schramm, D.N., see R. Mayle 219 (1989) 515
Schrans, S., see F. Defever 212 (1988) 467
Schreckenbach, K., see A.A. Hahn 218 (1989) 365

Schreiber, A.W. and A.W. Thomas, Spin dependent structure functions in the cloudy bag model 215 (1988) 141
Schreiber, O., see G. Reifenröther 214 (1988) 325
Schreiber, O., see M. Doser 215 (1988) 792
Schreiber, O., see B. May 225 (1989) 450
Schröder, H., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schröder, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Schröder, T., see M. Arneodo 211 (1988) 493
Schröder, V., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Schroeder, L.S., see G. Roche 226 (1989) 228
Schröter, A., see W. Koenig 218 (1989) 12
Schubank, R., see D. Frekers 218 (1989) 439
Schubert, K.R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schubnell, M., see Ch. Berger 227 (1989) 489
Schuck, C., see P. Fallon 218 (1989) 137
Schuck, P., see J. Jaenicke 214 (1988) 1
Schuck, P., see H. Kucharek 216 (1989) 249
Schuck, P., see E. Suraud 229 (1989) 359
Schuhbeck, S., see W. Koenig 218 (1989) 12
Schuhl, C., see P. Argan 213 (1988) 564
Schuhl, C., see L. Jammes 227 (1989) 21
Schuhl, C., see G. Audit 227 (1989) 331
Schukraft, J., see T. Åkesson 214 (1988) 295
Schuler, G.A., see J.G. Körner 226 (1989) 185
Schüler, K.P., see V.W. Hughes 212 (1988) 511
Schulman, J., see W. Braunschweig 214 (1988) 286
Schultz, D., see D. Aston 215 (1988) 199, 799
Schultz, J., see A. Angelopoulos 212 (1988) 129
Schultz, W., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Schultze, K., see M. Arneodo 211 (1988) 493
Schulz, H., see H.-W. Barz 211 (1988) 10; 217 (1989) 397; 228 (1989) 453
Schulz, H.D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schumacher, R.A., see E. Andersen 220 (1989) 328
Schussler, F., see J.A. Pinston 218 (1989) 128
Schussler, F., see M.I. Adamovich 223 (1989) 262
Schütte, J., see S. Keh 212 (1988) 123
Schütte, J., see H. Janssen 228 (1989) 273
Schütte, W., see W. Braunschweig 214 (1988) 286
Schwalm, D., see R. Kulessa 218 (1989) 421
Schwartz, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Schwartz, J.A., see S. Chaudhuri 219 (1989) 291
Schwarz, A., see S. Keh 212 (1988) 123
Schwarz, A., see H. Janssen 228 (1989) 273
Schwarz, A.S., see A. Snyder 229 (1989) 169

Schweda, G., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Schweda, M., see H. Balasin 215 (1988) 328
Schweda, M., Gauge (in)dependence, nonlocal counterterms, and extended BRST symmetry: a pedagogical example 226 (1989) 313
Schwertel, J., see A. Angelopoulos 212 (1988) 129
Schwesinger, B., see H. Yabu 224 (1989) 25
Schwesinger, B., see D.O. Riska 229 (1989) 339
Schwimmer, A., see P. Goddard 214 (1988) 209
Sciama, D.W., see J. Ellis 215 (1988) 404
Sciama, D.W., see M. Drees 220 (1989) 586
Sciubba, A., see H. Cobbaert 213 (1988) 395
Sciuto, S., see P. Di Vecchia 211 (1988) 301
Sciuto, S., see M. Frau 228 (1989) 205
Scoccola, N.N., H. Nadeau, M.A. Nowak and M. Rho, The hyperons as skyrmions with vector mesons, Phys. Lett. B 201 (1988) 425. Erratum 220 (1989) 658
Scott, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Scrimieri, E., see P. Colangelo 211 (1988) 453
Scuri, F. and G. Zavattini, On the possibility to detect a vector term in the gravitational potential through the vacuum polarization in atoms 220 (1989) 276
Scuri, F. and G. Zavattini, On the possibility to detect a vector term in the gravitational potential through the vacuum polarization in atoms, Phys. Lett. B 220 (1989) 276. Erratum 222 (1989) 538
Sebille, F., see E. Suraud 229 (1989) 359
Seckel, D., see J. Ellis 214 (1988) 403
Sedykh, Yu., see D. Bardin 229 (1989) 405
Seebrunner, H.J., see S. Barlag 218 (1989) 374
Seemann, U., see C. Wesselborg 211 (1988) 500
Seez, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sefkow, F., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Seftor, C.J., see G.J. Kim 219 (1989) 62
Sehgal, L.M., see S. Barshay 212 (1988) 542
Sehgal, L.M., see D. Bruss 216 (1989) 426
Sehgal, L.M., see P. Heiliger 229 (1989) 409
Seiberg, N., see G. Moore 212 (1988) 451; 220 (1989) 422
Seibert, D., see P.V. Ruuskanen 213 (1988) 227
Seidel, A., see M. Arneodo 211 (1988) 493
Seidel, S.C., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Seiden, A., see J. Adler 227 (1989) 501
Seiden, A., see A. Snyder 229 (1989) 169
Seidl, P.A., see G. Roche 226 (1989) 228
Seidman, A., see F. Lemeilleur 222 (1989) 518
Seidman, A., see E. Borchi 222 (1989) 525
Seixas, J.C., see J. Dias de Deus 229 (1989) 402
Seki, R., see T. Otofuji 229 (1989) 343

Sekimoto, M., see T. Åkesson 214 (1988) 295
Selivanov, K.G., see V.G. Kiselev 213 (1988) 165
Sellden, B., see T. Åkesson 214 (1988) 295
Seman, M., see T. Åkesson 214 (1988) 295
Sembroski, G., see T.J. Phillips 224 (1989) 348
Semenoff, G.W., see J. Ambjørn 226 (1989) 107
Semenov, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Semenov, S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Semikhatov, A.M., A global operator construction of the *bc*-system on Riemann surfaces in terms of a bosonic conformal theory 212 (1988) 357
Semikhatov, A.M., Sewing *bc* theories on Riemann surfaces in a bosonic operator formalism 217 (1989) 77
Semikhatov, A.M., An operator formalism for the $\beta\gamma$ systems on Riemann surfaces 220 (1989) 406
Semikhatov, A.M., An operator formalism for the $\beta\gamma$ systems on Riemann surfaces, Phys. Lett. B 220 (1989) 406. Erratum 221 (1989) 432
Semikhatov, A.M., On the toroidal compactifications of bosonic strings in higher genus 222 (1989) 377
Semikoz, V.B., see V.N. Oraevsky 227 (1989) 255
Sen, A., see S.D. Mathur 213 (1988) 303; 218 (1989) 176
Sen, A., Exactly solvable string compactification on Calabi–Yau manifolds in the Green–Schwarz formalism 224 (1989) 278
Sen, D., The general massive Schwinger model 212 (1988) 191
Sen, S., see R. Holman 221 (1989) 269
Senatorov, A.V. and D.N. Voskresensky, Pion dynamics in heavy ion collisions 219 (1989) 31
Senda, I. and A. Sugamoto, New orbifold model and modular transformation 211 (1988) 308
Sené, M., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Sené, R., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Sengupta, K., G. Singh and P.L. Jain, Multiplicity distributions and their fluctuations in pseudo-rapidity windows at relativistic heavy-ion collisions 213 (1988) 548
Sengupta, K., see G. Singh 214 (1988) 480
Sengupta, K., G. Singh and P.L. Jain, On the production of helium fragments in ultra-relativistic heavy-ion collisions 222 (1989) 301
Senjanović, G., see E. Rusjan 214 (1988) 193; 215 (1988) 669
Senjanović, G., see R.N. Mohapatra 225 (1989) 73
Sephton, A.J., see W. Braunschweig 214 (1988) 286
Serbo, V.G., see G.L. Kotkin 221 (1989) 96
Seres, Z., see R. Büchle 213 (1988) 125
Seth, K.K., see R. Soundranayagam 212 (1988) 13
Setoodeh, R., C.T.H. Davies and I.M. Barbour, Wilson fermions on the lattice – a study of the eigenvalue spectrum 213 (1988) 195
Seufert, R., see H.-J. Behrend 212 (1988) 515; 218 (1989) 493; 222 (1989) 163
Sever, F., see G. Kernel 216 (1989) 244; 225 (1989) 198
Severi, M., see C. Baglin 225 (1989) 296
Sevior, M., see P. Weber 230 (1989) 31
Seydoux, J., see P.D. Barnes 229 (1989) 432
Seyffert, B., see Ch. Berger 227 (1989) 489
Seywerd, H.C.J., see H. Albrecht 211 (1988) 489

Sezgin, E., see E.A. Bergshoeff 224 (1989) 71
Sezgin, E., see M.J. Duff 225 (1989) 319
Sezgin, E. and E. Sokatchev, Chern–Simons theories of symplectic super-diffeomorphisms 227 (1989) 103
Shabad, A.E., see E.J. Ferrer 220 (1989) 623
Shabanov, S.V., see L.V. Prokhorov 216 (1989) 341
Shafi, Q., see G. Lazarides 225 (1989) 66
Shagin, P.M., see D. Alde 216 (1989) 447, 451
Shah, T.P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Shakhbazyan, V.V., see I.V. Ajinenko 222 (1989) 306
Shakhova, T.I., see M.I. Adamovich 227 (1989) 285
Shapere, A., see S. Ferrara 225 (1989) 363
Shapira, A., see W. Braunschweig 214 (1988) 286
Shapiro, A., see T. Kitagaki 214 (1988) 281
Shapiro, I.L., see I.L. Buchbinder 216 (1989) 127
Shapiro, I.S., see V.M. Kolybasov 222 (1989) 135
Shapiro, S., see D. Aston 215 (1988) 199, 799
Shaposhnikov, M.E., see D.Yu. Grigoriev 216 (1989) 172
Sharma, V., see P. Avery 223 (1989) 470
Sharma, V., see R. Fulton 224 (1989) 445
Sharma, V., see W.-Y. Chen 226 (1989) 192
Sharma, V., see M.S. Alam 226 (1989) 401
Sharpe, S.R., see R. Gupta 211 (1988) 132
Sharpe, S.R., see A. Patel 225 (1989) 398
Sharpey-Schafer, J.F., see P. Fallon 218 (1989) 137
Sharpey-Schafer, J.F., see A. Alderson 228 (1989) 463
Shatashvili, S., see A. Losev 216 (1989) 94
Shaw, G., Shadowing in the scaling region 228 (1989) 125
Shaw, N.M., see A. Bacala 218 (1989) 112
Shaw, N.M., see T. Mori 218 (1989) 499
Shaw, N.M., see S.K. Kim 223 (1989) 476
Shaw, N.M., see E.H. Low 228 (1989) 548
Shaylor, H.R., see T.A. Armstrong 221 (1989) 216, 221
Sheer, I., see C. Albajar 213 (1988) 405
Sheffer, G., see P. Weber 230 (1989) 31
Sheikh, J.A., M.A. Nagarajan, N. Rowley and K.F. Pál, Cranked-shell-model calculations in a truncated space 223 (1989) 1
Sheikholeslami-Sabzevari, B., Finite size effects on the mass spectrum of fermions 227 (1989) 439
Sheldon, P.D., see A. Snyder 229 (1989) 169
Sheline, R.K., A.K. Jain, K. Jain and I. Ragnarsson, Reflection asymmetric and symmetric shapes in ^{225}Ra polarisation effects of the odd particle 219 (1989) 47
Sheline, R.K., Octupole deformation in the odd–odd nucleus ^{154}Eu 219 (1989) 222
Sheline, R.K., Coexistence of parity-mixed and parity-unmixed spectroscopies in ^{227}Ra 222 (1989) 179
Shellard, E.P.S., see R.L. Davis 214 (1988) 219
Shelyuto, V.A., see V.Yu. Brook 216 (1989) 401
Shelyuto, V.A., see M.I. Eides 216 (1989) 405; 229 (1989) 285
Shen, J.G., see W. Zhu 219 (1989) 107
Shen, T.C., On the possibility of gravitationally induced semi-classical vacuum decay 220 (1989) 42

Shephard, W.D., see J.R. Bensinger 215 (1988) 195
Sher, M., see V.V. Dixit 211 (1988) 197
Sher, M., see M. Lindner 228 (1989) 139
Sherif, H.S., see J. Raynal 218 (1989) 403
Shevchenko, V., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Shi, S., see A.J. Kreiner 215 (1988) 629
Shibata, E., see S. Abachi 226 (1989) 405
Shibata, E.I., see S. Abachi 212 (1988) 533
Shibata, E.I., see P. Avery 223 (1989) 470
Shibata, E.I., see R. Fulton 224 (1989) 445
Shibata, E.I., see W.-Y. Chen 226 (1989) 192
Shibata, E.I., see M.S. Alam 226 (1989) 401
Shibuya, H., see S. Aoki 224 (1989) 441
Shifman, M.A., see V.A. Novikov 217 (1989) 103
Shifman, M.A., see H. Leutwyler 221 (1989) 384
Shigemitsu, J., Renormalized Yukawa couplings from the lattice 226 (1989) 364
Shigemoto, K., see M. Kenmoku 213 (1988) 160
Shih, C.C., see P.A. Carruthers 222 (1989) 487
Shiino, E., see E. Oset 224 (1989) 249
Shima, T., see N. Akchurin 229 (1989) 299
Shimada, T., see W. Ochs 215 (1988) 757
Shimomura, T., see D. Aston 215 (1988) 199, 799
Shimonaka, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Shimony, J., see T. Kitagaki 214 (1988) 281
Shimozawa, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Shin, M. and D. Silverman, A heavy unstable fourth family neutrino and the τ-lifetime discrepancy 213 (1988) 379
Shin, M., M. Bander and D. Silverman, Flavor changing neutral processes and B_d^0–$\bar{B}_d^0$ mixing 219 (1989) 381
Shioden, M., see K. Abe 213 (1988) 400
Shipsey, I.P.J., see G.D. Barr 214 (1988) 303
Shipsey, I.P.J., see P. Avery 223 (1989) 470
Shipsey, I.P.J., see R. Fulton 224 (1989) 445
Shipsey, I.P.J., see W.-Y. Chen 226 (1989) 192
Shipsey, I.P.J., see M.S. Alam 226 (1989) 401
Shirahashi, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Shirai, J., see K. Abe 213 (1988) 400
Shiraishi, K., see A. Nakamura 215 (1988) 551; 218 (1989) 508
Shizuya, K., Fermionic representation of the Wess–Zumino term and the chiral Schwinger model 213 (1988) 298
Shmeleva, A., see T. Åkesson 214 (1988) 295
Shooshtari, G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Shor, A., Charm production in a quark–gluon plasma 215 (1988) 375
Shor, A. and R. Longacre, Effects of secondary interactions in proton–nucleus and nucleus–nucleus collisions using the HIJET event generator 218 (1989) 100
Shotton, P., see T. Åkesson 214 (1988) 295
Shrauner, J.E., see V.V. Dixit 211 (1988) 197

Shrock, R.E., see S. Aoki 219 (1989) 335
Shtannikov, A.V., see D. Alde 216 (1989) 447, 451
Shukla, V.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Shuryak, E.V. and J.L. Rosner, Instantons and baryon mass splittings 218 (1989) 72
Shuvaev, A.G., see B.L. Birbrair 222 (1989) 281
Sibold, K., see J. Kubo 220 (1989) 185, 191
Sibold, K., see O. Piguet 229 (1989) 83
SICAPO Collaboration, see F. Lemeilleur 222 (1989) 518
SICAPO Collaboration, see E. Borchi 222 (1989) 525
Sidenius, J.R., see J.L. Petersen 213 (1988) 30; 214 (1988) 533
Sidhu, J.S., see J.C. Anjos 223 (1989) 267
Sidorov, A.V., see A.C. Benvenuti 223 (1989) 490
Sidorov, V., see T. Åkesson 214 (1988) 295
Siegel, W., Superstrings give old minimal supergravity 211 (1988) 55
Siegel, W., see U. Lindström 224 (1989) 285; 228 (1989) 53
Siegel, W., see S.J. Gates Jr. 225 (1989) 44
Siegel, W., see M. Roček 227 (1989) 87
Siemiarczuk, T., see R. Albrecht 221 (1989) 427
Siemssen, R.H., see J. Wilczynski 220 (1989) 497
Siemssen, R.H., see J.D. Binnefeld 225 (1989) 308
Sierra, G., see L. Alvarez-Gaumé 220 (1989) 142
Sievers, D., see S. Keh 212 (1988) 123
Sievers, D., see H. Janssen 228 (1989) 273
Siffert, P., see J.F. Bak 213 (1988) 242
Siffert, P., see R. Medenwaldt 227 (1989) 483
Signal, A.I. and A.W. Thomas, The structure function of the nucleon 211 (1988) 481
Signore, M., see N. Sánchez 214 (1988) 14; 219 (1989) 413
Silk, J., see J. Ellis 214 (1988) 403
Silk, J.D., see A.L. Williams 216 (1989) 11
Sill, A., see A. Bacala 218 (1989) 112
Sill, A., see T. Mori 218 (1989) 499
Sill, A., see S.K. Kim 223 (1989) 476
Sill, A., see E.H. Low 228 (1989) 548
Silverman, A., see P. Avery 223 (1989) 470
Silverman, A., see R. Fulton 224 (1989) 445
Silverman, A., see W.-Y. Chen 226 (1989) 192
Silverman, A., see M.S. Alam 226 (1989) 401
Silverman, D., see M. Shin 213 (1988) 379; 219 (1989) 381
Silvester, I.M., see W. Braunschweig 214 (1988) 286
Silvestre-Brac, B., see S. Fleck 220 (1989) 616
Simeone, C., see F. Lemeilleur 222 (1989) 518
Simeone, E., see P. Bacilieri 214 (1988) 115
Simm, F.C., see A. Feldmeier 223 (1989) 234
Simmons, E.H., Dimension-6 gluon operators as probes of new physics 226 (1989) 132
Simoes, T.J.M., see H.J. de Vega 217 (1989) 142
Simone, S., see T. Åkesson 214 (1988) 295
Simone, S., see S. Aoki 224 (1989) 441

Simonis, H.-J., see K.-H. Speidel 227 (1989) 16
Simonis, H.-J., see U. Reuter 230 (1989) 16
Simonius, M., see F. Nessi-Tedaldi 215 (1988) 159
Simonius, M., see S. Kistryn 219 (1989) 58
Simonov, Yu.A., Regge trajectories from QCD 226 (1989) 151
Simonov, Yu.A., Baryon Regge trajectories from the area-law of the Wilson loop 228 (1989) 413
Simopoulos, C., see J. Adler 227 (1989) 501
Simopoulou, E., see J. Guy 229 (1989) 421
Sinclair, D.K. and J.B. Kogut, Finite temperature QCD with four light quark flavours 229 (1989) 93
Sinclair, D.K., see J.B. Kogut 229 (1989) 107
SINDRUM Collaboration, see S. Egli 222 (1989) 533
Sinervo, P.K., see D. Aston 215 (1988) 199, 799
Singer, M.A., see A.P. Hodges 216 (1989) 48
Singer, P., see M. Lifshitz 215 (1988) 607
Singh, G., see K. Sengupta 213 (1988) 548; 222 (1989) 301
Singh, G., K. Sengupta and P.L. Jain, Interaction mean free paths of He fragments from ultrahigh-energy nucleus–nucleus collisions in emulsion 214 (1988) 480
Singh, V., see S.M. Roy 214 (1988) 182
Singovsky, A.V., see D. Alde 216 (1989) 447, 451
Singsaas, A., see M. Frank 230 (1989) 159
Sinha, B., see S. Raha 218 (1989) 413
Sinha, B., see S. Chakrabarty 229 (1989) 112
Sinha, S.M., see S.N. Sinha 218 (1989) 333
Sinha, S.N., S.M. Sinha, M. Rahman and D.Y. Kim, Charm baryon isodoublet mass splitting in quantum chromodynamics revitalized 218 (1989) 333
Sinha-Roy, M.N. and S.S. Mandal, Equation of motion approach to the meson–meson interaction in a nuclear medium 217 (1989) 369
Sinquin, A., see C. Baglin 220 (1989) 471
Sinyukov, Yu.M., see S.V. Ilyin 227 (1989) 455
Siotis, I., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sirois, Y., see T. Åkesson 214 (1988) 295
Sistemich, K., see H. Mach 230 (1989) 21
Sisto, R., see A. Borrelli 221 (1989) 360
Skachkov, N.B., see A.C. Benvenuti 223 (1989) 490
Skard, J.A.J., see S. Bethke 213 (1988) 235
Skarzhinsky, V.D., see V.P. Frolov 224 (1989) 255
Skelding, D., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Skillicorn, I.O., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Skjevling, G., see C. Baglin 225 (1989) 296
Skulski, W., M. Fatyga, K. Kwiatkowski, H. Karwowski, L.W. Woo and V.E. Viola, Emission of energetic protons at backward angles in central collisions 218 (1989) 7
Skwarnicki, T., see S. Keh 212 (1988) 123
Skwarnicki, T., see P. Avery 223 (1989) 470
Skwarnicki, T., see R. Fulton 224 (1989) 445
Skwarnicki, T., see W.-Y. Chen 226 (1989) 192
Skwarnicki, T., see M.S. Alam 226 (1989) 401
Skwarnicki, T., see H. Janssen 228 (1989) 273

Sładkowski, J., see R. Mańka 222 (1989) 31; 224 (1989) 97
Slavnov, A.A., Physical unitarity in the BRST approach 217 (1989) 91
Slavnov, A.A., see S.A. Frolov 218 (1989) 461
Sleeman, J.C., see H.R. Band 218 (1989) 369
Sletten, G., see A. Alderson 228 (1989) 463
Sletten, H., see H. Cobbaert 213 (1988) 395
Sletten, H., see T. Åkesson 214 (1988) 295
Sliwa, K., see J.C. Anjos 223 (1989) 267
Sloan, T., see M. Arneodo 211 (1988) 493
Sloan, T., see J.J. Aubert 218 (1989) 248
Smadja, G., see A.C. Benvenuti 223 (1989) 485, 490
Smilga, A.V., Collective excitations in electroweak plasma 222 (1989) 462
Smirnov, A.Yu., see Z.G. Berezhiani 220 (1989) 279
Smirnov, A.Yu., see P.I. Krastev 226 (1989) 341
Smirnov, G.I., see A.C. Benvenuti 223 (1989) 485, 490
Smirnov, S., see T. Åkesson 214 (1988) 295
Smirnov, V.A., see K.G. Chetyrkin 225 (1989) 411
Smith, A.E., see P.M. Evans 229 (1989) 25
Smith, D., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Smith, G.A., see A. Angelopoulos 212 (1988) 129
Smith, G.R., see P. Weber 230 (1989) 31
Smith, J.G., see H.R. Band 218 (1989) 369
Smith, J.G., see A. Snyder 229 (1989) 169
Smith, J.R., see A. Bacala 218 (1989) 112
Smith, J.R., see T. Mori 218 (1989) 499
Smith, J.R., see S.K. Kim 223 (1989) 476
Smith, J.R., see E.H. Low 228 (1989) 548
Smith, J.R.H., see S.A. Wells 211 (1988) 272
Smith, K.M., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Smith, R., see Y. Kondō 227 (1989) 310
Smithson, M.J., see D. Ashery 215 (1988) 41
Smolik, L., see S. Bethke 213 (1988) 235
Smorodinsky, Ya.A., see V.N. Oraevsky 227 (1989) 255
Smyrski, J., see S. Kistryn 219 (1989) 58
Sneppen, K., see H.-W. Barz 211 (1988) 10; 228 (1989) 453
Sneppen, K., see J.P. Bondorf 214 (1988) 321
Sneppen, K., see R. Donangelo 219 (1989) 165
Sneppen, K., D. Cussol and C. Gregoire, Determination of nuclear properties below normal density from the multifragmentation pattern 220 (1989) 342
Snigirev, A.M., see V.V. Goloviznin 211 (1988) 167
Snow, G.R., see R.E. Breedon 216 (1989) 459
Snyder, A., W.N. Murray, G. Abrams, C.E. Adolphsen, C. Akerlof, P.J. Alexander, M. Alvarez, D. Amidei, A.R. Baden, B.C. Barish, T. Barklow, B.A. Barnett, J. Bartelt, D. Blockus, G. Bonvicini, A. Boyarski, J. Boyer, B. Brabson, A. Breakstone, J.M. Brom, F. Bulos, P.R. Burchat, D.L. Burke, F. Butler, F. Calvino, R.J. Cence, J. Chapman, D. Cords, D.P. Coupal, H.C. DeStaebler, D.E. Dorfan, J.M. Dorfan, P.S. Drell, G.J. Feldman, E. Fernandez, R.C. Field, W.T. Ford, C. Fordham, R. Frey, D. Fujino, K.K. Gan, G. Gidal, L. Gladney, T. Glanzman, M.S. Gold, G. Goldhaber,

P. Grosse-Wiesmann, J. Haggerty, G. Hanson, R. Harr, F.A. Harris, C.M. Hawkes, K. Hayes, D. Herrup, C.A. Heusch, T. Himel, R.J. Hollebeek, D. Hutchinson, J. Hylen, W.R. Innes, M. Jaffre, J.A. Jaros, I. Juricic, J.A. Kadyk, D. Karlen, J. Kent, S.R. Klein, W. Koska, W. Kozanecki, A.J. Lankford, R.R. Larsen, B.W. LeClaire, M.E. Levi, A.M. Litke, N.S. Lockyer, V. Lüth, J.A.J. Matthews, D.I. Meyer, B.D. Milliken, K.C. Moffeit, L. Müller, J. Nash, M.E. Nelson, D. Nitz, H. Ogren, R.A. Ong, K.F. O'Shaughnessy, S.I. Parker, C. Peck, M.L. Perl, A. Petersen, M. Petradza, F.C. Porter, P. Rankin, B. Richter, K. Riles, P.C. Rowson, D.R. Rust, H.F.W. Sadrozinski, T. Schaad, T.L. Schalk, H. Schellman, W.B. Schmidke, A.S. Schwarz, A. Seiden, P.D. Sheldon, J.G. Smith, E. Soderstrom, D.P. Stoker, R. Stroynowski, R. Thun, G.H. Trilling, R. Tschirhart, R. Van Kooten, H. Veltman, P. Voruganti, S.R. Wagner, P. Weber, A.J. Weinstein, S. Weisz, S.L. White, E. Wicklund, A.J. Weir, D.R. Wood, D.Y. Wu and J.M. Yelton, Search for B-decay to Higgs bosons for Higgs boson masses between 50 and 210 MeV/c 229 (1989) 169

So, H., see Y. Igarashi 227 (1989) 239

Sober, D.I., see G.J. Kim 219 (1989) 62

Sobiczewski, A., Z. Patyk and S. Ćwiok, Deformed superheavy nuclei 224 (1989) 1

Sobie, R., see C. Albajar 213 (1988) 405

Sobotka, L., see M.B. Tsang 220 (1989) 492

Söderberg, B., see J. Jurkiewicz 213 (1988) 511

Söderberg, B., see D. Daniel 221 (1989) 136

Soderstrom, E., see A. Snyder 229 (1989) 169

Söderström, K., see M.I. Adamovich 230 (1989) 175

Soderstrom, K., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285

Soff, G. and J. Reinhardt, Positron creation in heavy ion collisions: the influence of the magnetic field 211 (1988) 179

Sofia, H.M. and A. Vitturi, One-particle transfer operator in the interacting boson–fermion model 222 (1989) 317

Sokatchev, E., An off-shell formulation of $N=4$ supersymmetric Yang–Mills theory in twistor harmonic superspace 217 (1989) 489

Sokatchev, E., see E. Sezgin 227 (1989) 103

Sokoloff, M.D., see J.C. Anjos 223 (1989) 267

Sokolskikh, Yu.N., see V.M. Kolybasov 222 (1989) 135; 225 (1989) 31

Šokorac, A., see R.N. Mohapatra 225 (1989) 73

Solà, J., see J.A. Grifols 218 (1989) 508

Solà, J., The cosmological constant and the fate of the cosmon in Weyl conformal gravity 228 (1989) 317

Soldati, R., see A. Bassetto 228 (1989) 235

Soliani, G., see R.A. Leo 222 (1989) 415; 228 (1989) 95

Solomon, S., see Y. Eisenberg 220 (1989) 562

Solomon, S., see E.R. Nissimov 228 (1989) 181

Soloshenko, V., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169

Soloviev, O.A., see I.L. Buchbinder 228 (1989) 341

Soloviev, V.G. and A.V. Sushkov, Gamow–Teller β^+ decay of neutron-deficit deformed nuclei 216 (1989) 259

Solovyanov, V.L., see N. Akchurin 229 (1989) 299

Sommer, R., see S. Güsken 212 (1988) 216; 227 (1989) 266

Sommerfield, C.M., see A. Chodos 212 (1988) 491
Son, D., see A. Bacala 218 (1989) 112
Son, D., see T. Mori 218 (1989) 499
Son, D., see S.K. Kim 223 (1989) 476
Son, D., see E.H. Low 228 (1989) 548
Sona, P., see M. Bini 221 (1989) 99
Sonderegger, P., see C. Baglin 220 (1989) 471
Sondheim, W., see T. Åkesson 214 (1988) 295
Song, Y.S., see C.M. Wu 216 (1989) 381
Soni, A., see J.D. Carpenter 212 (1988) 63
Soni, A., see G. Eilam 215 (1988) 171; 216 (1989) 217
Sonnenschein, J., see R. Brooks 214 (1988) 91
Sorba, P., see I.-G. Koh 215 (1988) 723
Sorella, S.P., see F. Delduc 225 (1989) 367
Sorella, S.P., Algebraic characterization of the topological σ-model 228 (1989) 69
Sørensen, A.H., see J.F. Bak 213 (1988) 242
Sørensen, J.H., G. Pollarolo and A. Winther, Evidence for energy dependent interaction in one-particle transfer reactions between heavy ions 225 (1989) 41
Sørensen, S.O., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Sorensen, S.P., see R. Albrecht 221 (1989) 427
Sorokin, D.P., V.I. Tkach, D.V. Volkov and A.A. Zheltukhin, From the superparticle Siegel symmetry to the spinning particle proper-time supersymmetry 216 (1989) 302
Sorokin, P.V., see N.A. Burkova 223 (1989) 136
Sosin, Z., see K. Grotowski 223 (1989) 287
Sosin, Z., see J.D. Binnefeld 225 (1989) 308
Sossi, V., see P. Weber 230 (1989) 31
Sotkov, G. and C.-J. Zhu, Bootstrap fusions and tricritical Potts model away from criticality 229 (1989) 391
Sotkov, G.M., see R. Iengo 211 (1988) 425
Sotkov, G.M. and M. Stanishkov, Yukawa couplings for the three-generation string model 215 (1988) 674
Sotkov, G.M. and M. Stanishkov, Yukawa couplings for the three-generation string model, Phys. Lett. B 215 (1988) 674. Erratum 217 (1989) 569
Sotkov, G.M., see G. Mussardo 218 (1989) 191
Sotkov, G.M., see Č. Crnković 220 (1989) 397; 222 (1989) 217; 226 (1989) 297
Soulliere, M.J., see A. Angelopoulos 212 (1988) 129
Soundranayagam, R., A. Saha, K.K. Seth, C.W. de Jager, H. de Vries, H.P. Blok and G. van der Steenhoven, Ground state charge distribution of ^{26}Mg 212 (1988) 13
Souza, M.H.G., see J.C. Anjos 223 (1989) 267
Sozzi, G., see R.E. Breedon 216 (1989) 459
Spaan, B., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Spadafora, A., see H.-J. Behrend 215 (1988) 186
Spadafora, A.L., see J. Adler 227 (1989) 501
Spalding, W.J., see J.C. Anjos 223 (1989) 267
Spamer, E., see G. Hartung 221 (1989) 109
Sparks, K., see A. Bacala 218 (1989) 112
Sparks, K., see T. Mori 218 (1989) 499
Sparks, K., see S.K. Kim 223 (1989) 476

Sparks, K., see W.-Y. Chen 226 (1989) 192
Sparks, K., see M.S. Alam 226 (1989) 401
Sparks, K., see E.H. Low 228 (1989) 548
Specht, H.J., see T. Åkesson 214 (1988) 295
Spector, D., see Z. Hlousek 214 (1988) 19
Speidel, K.-H., M. Knopp, W. Karle, M.-L. Dong, J. Cub, U. Reuter, H.-J. Simonis, P.N. Tandon and J. Gerber, Heavy ion beam induced attenuations of transient magnetic fields 227 (1989) 16
Speidel, K.-H., see U. Reuter 230 (1989) 16
Spengler, J., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Sperber, D., see D. Bandyopadhyay 218 (1989) 391
Sperisen, F., see G. Pauletta 211 (1988) 19
Speth, J. and D. Zawischa, Do low-energy scissors modes exist in deformed nuclei? 211 (1988) 247
Speth, J., see S. Nishizaki 215 (1988) 231
Speth, J. and D. Zawischa, Do low-energy scissors modes exist in deformed nuclei?, Phys. Lett. B 211 (1988) 247. Erratum 219 (1989) 529
Speth, J., see T.L. Ainsworth 228 (1989) 299
Sphicas, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Spicer, B.M., see M.A. Moinester 230 (1989) 41
Spiegelglas, M., String thermal tachyons as multiparticle instabilities 220 (1989) 391
Spinka, H., see N. Akchurin 229 (1989) 299
Spira, M., see A. Djouadi 228 (1989) 443
Spiro, M., see M. Cribier 228 (1989) 163
Spitzer, H., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Spitzer, J., see S. Bethke 213 (1988) 235
Spokoiny, B.L., Non-archimedean geometry and quantum mechanics 221 (1989) 120
Sprung, D.W.L., see P. Sarriguren 228 (1989) 285
Srednicki, M. and R. Watkins, Coherent couplings of neutralinos to nuclei from squark mixing 225 (1989) 140
Srednicki, M., see K.A. Olive 230 (1989) 78
Sridhar, K., see R.V. Gavai 227 (1989) 161
Srivastava, A.M., see C. Rosenzweig 222 (1989) 368
Srivastava, B., see M. Gonin 217 (1989) 406
Stachel, J. and P. Braun-Munzinger, Stopping in high energy nucleus–nucleus collisions: analysis in the Landau hydrodynamic model 216 (1989) 1
Stähelin, P., see J.V. Allaby 213 (1988) 554
Staley, F., see C. Baglin 220 (1989) 471
Stamatescu, I.O., see F. Karsch 227 (1989) 153
Stanco, L., see A. Antonelli 212 (1988) 133
Stanco, L., see M.H. Tixier 212 (1988) 523
Stanco, L., see D. Bisello 220 (1989) 321
Stanek, R.W., see N. Akchurin 229 (1989) 299
Stanev, T., see T.K. Gaisser 219 (1989) 375
Stanishkov, M., see G.M. Sotkov 215 (1988) 674; 217 (1989) 569
Stanishkov, M., see G. Mussardo 218 (1989) 191
Stanishkov, M., see Č. Crnković 220 (1989) 397; 222 (1989) 217; 226 (1989) 297

Stanislaus, S., D.S. Armstrong, D.F. Measday, P. Weber and M. Harston, Search for $T=2$ dibaryons via $\pi^- d \to \gamma X$ 219 (1989) 237
Stanovnik, A., see G. Kernel 216 (1989) 244; 225 (1989) 198
Stapnes, S., see R. Ansari 215 (1988) 175
Stapnes, S., see C. Baglin 225 (1989) 296
Starič, M., see G. Kernel 216 (1989) 244; 225 (1989) 198
Starodubsky, V.E., see A.V. Sarantsev 226 (1989) 216
Starodumov, A.N., see Yu.G. Abov 217 (1989) 225
Stasheff, J.D., see B. Grossman 220 (1989) 431
Stassart, P., see M. Jaminon 227 (1989) 191
Stassinaki, M., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Staubo, E.F., A.K. Holme, L.P. Csernai, M. Gong and D. Strottman, Pion distributions from the fluid dynamical model of ultra-relativistic heavy ion collisions 229 (1989) 351
Staude, A., see A.C. Benvenuti 223 (1989) 485, 490
Steckmeyer, J.C., see K. Hagel 229 (1989) 20
Steele, T.G., see V. Elias 212 (1988) 88
Steele, T.G., see E. Bagan 219 (1989) 497; 226 (1989) 142
Steffen, P., see S. Bethke 213 (1988) 235
Steigman, G., see R. Mayle 219 (1989) 515
Steinacher, M., see G. Backenstoss 222 (1989) 7
Steinberger, J., see G.D. Barr 214 (1988) 303
Steiner, D., see R.E. Breedon 216 (1989) 459
Steinhardt, P.J., see D. La 220 (1989) 375
Stein-Schabes, J., see L.O. Pimentel 216 (1989) 27
Stella, B., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Stelle, K.S., see M.J. Duff 223 (1989) 386
Stelle, K.S., see C.N. Pope 226 (1989) 257
Stenlund, E., see R. Albrecht 221 (1989) 427
Stenlund, E., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Stepaniak, J., see I.V. Ajinenko 222 (1989) 306
Stephens, F.S., see E.M. Beck 215 (1988) 624
Stephens, K., see S. Bethke 213 (1988) 235
Stephenson, D. and A.M. Thornton, Non-perturbative Yukawa couplings 212 (1988) 479
Stephenson Jr., G.J., see T. Goldman 228 (1989) 396
Stephenson, W., see G.D. Barr 214 (1988) 303
Steringa, J.J., see M. de Roo 211 (1988) 437
Steringa, J.J., see M. Koopmans 226 (1989) 309
Sterman, G., see J. Botts 224 (1989) 201; 227 (1989) 501
Stern, J., see G. Clément 220 (1989) 238
Sterner, K.L., see T. Mori 218 (1989) 499
Sterner, K.L., see S.K. Kim 223 (1989) 476
Sterner, K.L., see E.H. Low 228 (1989) 548
Sternheim, M.M. and G. Kälbermann, Baryon number ambiguities in the symmetrized product ansatz for the Skyrme model 225 (1989) 27
Stiegler, U., see E. Lorenz 214 (1988) 10
Stier, H.E., see M. Arneodo 211 (1988) 493
Stier, H.E., see J.J. Aubert 218 (1989) 248

Stierle, M., see H. Balasin 215 (1988) 328
Stierlin, U., see S. Barlag 218 (1989) 374
Stiewe, J., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Stiliaris, E., see C. Bérat 218 (1989) 299
Stiliaris, E., H.G. Bohlen, P. Fröbrich, B. Gebauer, D. Kolbert, W. von Oertzen, M. Wilpert and Th. Wilpert, Nuclear rainbow structures in the elastic scattering of ^{16}O on ^{16}O at $E_L = 350$ MeV 223 (1989) 291
Stirling, W.J., see J. Ellis 217 (1989) 363
Stirling, W.J., see Z. Kunszt 217 (1989) 563
Stirling, W.J., see F.A. Berends 224 (1989) 237
Stirling, W.J., see A.D. Martin 228 (1989) 149
Stock, R., see C. Wesselborg 211 (1988) 500
Stock, V., see S. Keh 212 (1988) 123
Stock, V., see H. Janssen 228 (1989) 273
Stockdale, I.E., see J. Adler 227 (1989) 501
Stocker, F., see R. Ansari 215 (1988) 175
Stöcker, H., see C. Hartnack 215 (1988) 33
Stöcker, H., see J. Aichelin 224 (1989) 34
Stockhausen, W., see J.J. Aubert 218 (1989) 248
Stockhausen, W., see J. Adler 227 (1989) 501
Stodolsky, L., see F. Hoogeveen 212 (1988) 505
Stodolsky, L., see M. Frank 230 (1989) 159
Stoeffl, W., see N. Roy 221 (1989) 6
Stoker, D.P., see A. Snyder 229 (1989) 169
Stokstad, R.G., see E. Plagnol 221 (1989) 11
Stokstad, R.G., see J. Pouliot 223 (1989) 16
Stoler, P., see G. Audit 227 (1989) 331
Stone, J.L., see P. Astier 220 (1989) 646
Stone, R., see A. Bacala 218 (1989) 112
Stone, R., see T. Mori 218 (1989) 499
Stone, R., see S.K. Kim 223 (1989) 476
Stone, R., see E.H. Low 228 (1989) 548
Stone, S., see P. Avery 223 (1989) 470
Stone, S., see R. Fulton 224 (1989) 445
Stone, S., see W.-Y. Chen 226 (1989) 192
Stone, S., see M.S. Alam 226 (1989) 401
Stoquert, J.P., see R. Medenwaldt 227 (1989) 483
Stora, R., see S. Ouvry 220 (1989) 159
Storey, R.S., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Storrow, J.K., see J.H. Da Luz Vieira 219 (1989) 529
Storrow, J.K., On the OZI rule for baryons 230 (1989) 124
Stracener, D., see M.B. Tsang 220 (1989) 492
Strachota, J., see A.C. Benvenuti 223 (1989) 485, 490
Strahl, K., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Strakhovenko, V.M., see V.N. Baier 225 (1989) 193; 229 (1989) 135

Strauch, K., see S. Keh 212 (1988) 123
Strauch, K., see H. Janssen 228 (1989) 273
Straumann, U., see G. Reifenröther 214 (1988) 325
Straumann, U., see M. Doser 215 (1988) 792
Straumann, U., see B. May 225 (1989) 450
Strausz, S., see M.I. Adamovich 227 (1989) 285
Streetman, M.E., see J.C. Anjos 223 (1989) 267
Streit, L., see S. Albeverio 217 (1989) 511
Strikman, M.I., see L.L. Frankfurt 230 (1989) 141
Stringari, S., see E. Lipparini 212 (1988) 6
Strobel, G., see M. Maruyama 215 (1988) 223
Strohbusch, U., see S. Keh 212 (1988) 123
Strohbusch, U., see H. Janssen 228 (1989) 273
Ströher, H., see G. Koch 218 (1989) 143
Strom, D., see W. Braunschweig 214 (1988) 286
Stromicki, J., see S. Kistryn 219 (1989) 58
Strominger, A., see S.B. Giddings 230 (1989) 46
Stroot, J.P., see D. Alde 216 (1989) 447, 451
Strottman, D., see E.F. Staubo 229 (1989) 351
Stroughair, J.D., see C.L. Bilchak 214 (1988) 441
Stroynowski, R., see A. Snyder 229 (1989) 169
Struble, G.L., see N. Roy 221 (1989) 6
Stuart, D., see E.H. Low 228 (1989) 548
Stuart, R.G., see B.A. Kniehl 214 (1988) 621
Stuart, R.G., see W.-S. Hou 226 (1989) 122
Stubenrauch, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Stuckey, K.A., see P.D. Cottle 219 (1989) 27
Studt, M., see M. Arneodo 211 (1988) 493
Stugu, B., see C. Baglin 225 (1989) 296
Stumer, I., see T. Åkesson 214 (1988) 295
Stundžia, A.B., see J.C. Anjos 223 (1989) 267
Stuttgé, L., see P.M. Evans 229 (1989) 25
Su, D., see W. Braunschweig 214 (1988) 286
Su, R. and R. Pan, Scalar soliton star at finite temperature 230 (1989) 99
Su, W.-C., see S.-C. Lee 212 (1988) 113; 214 (1988) 276
Suda, T., see K.S. Hirata 220 (1989) 308
Sudarshan, E.C.G., T.D. Imbo and T.R. Govindarajan, Configuration space topology and quantum internal symmetries 213 (1988) 471
Suehiro, K., see T. Kugo 226 (1989) 48
Suekane, F., see K. Abe 213 (1988) 400
Sugahara, R., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Sugamoto, A., see I. Senda 211 (1988) 308
Sugano, K., see S. Abachi 212 (1988) 533; 226 (1989) 405
Sugawara-Tanabe, K. and A. Arima, The structure of dipole modes in Dy isotopes from $A = 160$ to 164 229 (1989) 327
Sugimoto, S., see K. Abe 213 (1988) 400
Sugimoto, Y., see A. Bacala 218 (1989) 112

Sugimoto, Y., see T. Mori 218 (1989) 499
Sugimoto, Y., see S.K. Kim 223 (1989) 476
Sugimoto, Y., see E.H. Low 228 (1989) 548
Sugita, M., see T. Otsuka 215 (1988) 205
Sugiyama, A., see D. Aston 215 (1988) 199, 799
Sugiyama, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Sugiyama, Y., The renormalization group study of the effective theory for lattice QED 223 (1989) 445
Sugonyaev, V.P., see D. Alde 216 (1989) 447, 451
Sultanov, G., see A.C. Benvenuti 223 (1989) 485, 490
Sumarokov, A., see T. Åkesson 214 (1988) 295
Sumiyoshi, K., K. Kusaka, T. Kamio and T. Kajino, Baryon evaporation from cosmic quark–gluon plasma 225 (1989) 10
Sumiyoshi, T., see K. Abe 213 (1988) 400
Summers, D., see C. Albajar 213 (1988) 405
Sumorok, K., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Sun, C., see G. Audit 227 (1989) 331
Sun, C.R., see P. Avery 223 (1989) 470
Sun, C.R., see R. Fulton 224 (1989) 445
Sun, C.R., see W.-Y. Chen 226 (1989) 192
Sun, C.R., see M.S. Alam 226 (1989) 401
Sun, J.F., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Sundaresan, M.K., see P. Kalyniak 216 (1989) 397
Sunier, J., see T. Åkesson 214 (1988) 295
Suranyi, P., see G.V. Dunne 213 (1988) 139
Suraud, E., M. Pi, P. Schuck, B. Remaud, F. Sebille, C. Gregoire and F. Saint-Laurent, Compressional effects in heavy ion collisions. Spinodal decomposition and thermal energy saturation 229 (1989) 359
Sushkov, A.V., see V.G. Soloviev 216 (1989) 259
Susskind, L., see W. Fischler 217 (1989) 48
Sustich, A. and J. Wambach, Shape instabilities in hot nuclei 218 (1989) 417
Sutherland, M., see R. Grigjanis 213 (1988) 355; 223 (1989) 239; 224 (1989) 209
Suwada, T., see I. Adachi 218 (1989) 105
Suzuki, A., see K.S. Hirata 220 (1989) 308
Suzuki, H., see K. Fujikawa 213 (1988) 279; 221 (1989) 289
Suzuki, H., see T. Kitagaki 214 (1988) 281
Suzuki, H., see Y. Kazama 216 (1989) 112
Suzuki, M., Phenomenological consequences of the color–flavor constraint on compositeness interactions 220 (1989) 233
Suzuki, S., see D. Aston 215 (1988) 199, 799
Suzuki, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Suzuki, T., see T. Kobayashi 211 (1988) 86
Suzuki, T., see H. Kurasawa 211 (1988) 500
Suzuki, T., see T. Maruyama 219 (1989) 43
Suzuki, T. and A. Arima, Radius of valence neutron orbit determined from magnetic electron scattering 219 (1989) 173
Suzuki, Y., see K. Abe 213 (1988) 400
Suzuki, Y., see K.S. Hirata 220 (1989) 308

Svec, M., A. de Lesquen and L. van Rossum, Test of the additive quark model in experiments with polarized initial nucleons 220 (1989) 653
Svechnikova, L.N., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Sverzellati, P.P., see E. Bellotti 221 (1989) 209
Svetitsky, B., Multiple hadronization and the momentum of charmed particles. A signal of the quark–gluon plasma 227 (1989) 450
Svinareva, E.F., see S.N. Ershov 227 (1989) 315
Swain, J.D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Swartz, M., see R. Ansari 215 (1988) 175
Sydow, L., see G. Böhm 220 (1989) 27
Szalata, Z.M., see R.C. Walker 224 (1989) 353
Szarka, J., see E. Bellotti 221 (1989) 209
Szczęsny, J., see M. Biesiada 211 (1988) 42
Szklarz, G., see A. Antonelli 212 (1988) 133
Szklarz, G., see M.H. Tixier 212 (1988) 523
Szklarz, G., see D. Bisello 220 (1989) 321
Szklarz, G., see Ch. Berger 227 (1989) 489
Szlachányi, K., see T. Filk 217 (1989) 505
Szoncso, F., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Szydłowski, M., see M. Biesiada 211 (1988) 42
Szydłowski, M., Toward globally stable compactification in superspace 215 (1988) 711
Szydłowski, M. and M. Biesiada, Long-term chaotic behaviour in multidimensional homogeneous cosmology 220 (1989) 32

Tabarelli, T., see E. Bellotti 221 (1989) 209
Tabidze, M.D., see D. Alde 216 (1989) 451
Tabor, S.L., see E.F. Moore 211 (1988) 14
Taccetti, N., see M. Bini 221 (1989) 99
Tacik, R., see R. Bertini 228 (1989) 531
Tacik, R., see P. Weber 230 (1989) 31
Taha, M.O., see H. Alhendi 213 (1988) 337
Tai, Y.S., see T. Kitagaki 214 (1988) 281
Tajima, H., see S. Aoki 224 (1989) 441
Takada, Y., see K. Abe 213 (1988) 400
Takagi, F., see C. Ishii 216 (1989) 409
Takahashi, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Takahashi, K., see K.S. Hirata 220 (1989) 308
Takahashi, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Takai, H., see M.S. Kaplan 215 (1988) 251
Takaiwa, Y., see A. Bacala 218 (1989) 112
Takaiwa, Y., see T. Mori 218 (1989) 499
Takaiwa, Y., see S.K. Kim 223 (1989) 476
Takaiwa, Y., see E.H. Low 228 (1989) 548
Takamure, H., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Takao, M., see K.J. Hamada 213 (1988) 564
Takasaki, F., see K. Abe 213 (1988) 400
Takashima, M., see W. Braunschweig 214 (1988) 286
Takashima, R., see N. Akchurin 229 (1989) 299
Takasugi, E., see R.N. Mohapatra 211 (1988) 192
Takasugi, E., see H. Ejiri 228 (1989) 24
Takayama, T., see T. Kitagaki 214 (1988) 281
Takayanagi, K., The Coulomb sum rule of ^{40}Ca 230 (1989) 11
Takeda, T., see A. Bacala 218 (1989) 112
Takeda, T., see T. Mori 218 (1989) 499
Takeda, T., see S.K. Kim 223 (1989) 476
Takeda, Y., see C. Ohmori 230 (1989) 27
Takei, H., see K.S. Hirata 220 (1989) 308
Takeshita, S., see M.J. Hayashi 228 (1989) 42
Taketani, A., see K. Abe 213 (1988) 400
Takeuchi, T., see T. Appelquist 220 (1989) 223
Takeutchi, F., see N. Akchurin 229 (1989) 299
Takigawa, N., see A. Iwamoto 219 (1989) 176
Takita, M., see K.S. Hirata 220 (1989) 308
Tamae, K., see T. Kitagaki 214 (1988) 281
Tamai, K., see T. Kitagaki 214 (1988) 281
Tamain, B., see K. Hagel 229 (1989) 20
Tamas, G., see P. Argan 213 (1988) 564
Tamas, G., see L. Jammes 227 (1989) 21
Tamas, G., see G. Audit 227 (1989) 331
Tamazouzt, M., The Primakoff effect at high energy 211 (1988) 477
Tamura, N., see K. Abe 213 (1988) 400

Tamura, N., see N. Akchurin 229 (1989) 299
Tamura, T., see H. Utsunomiya 211 (1988) 24
Tamvakis, K., see J. Rizos 212 (1988) 176
Tamvakis, K., see G.K. Leontaris 224 (1989) 319
Tan, C.-I., see N. Deo 220 (1989) 125
Tanabashi, M., see V.A. Miransky 221 (1989) 177
Tanaka, J., see H. Ejiri 228 (1989) 24
Tanaka, K., see H. Fukutaka 222 (1989) 191
Tanaka, N., see G. Pauletta 211 (1988) 19
Tanaka, N., see N. Akchurin 229 (1989) 299
Tanaka, R., see K. Abe 213 (1988) 400
Tanaka, R., see A. Bacala 218 (1989) 112
Tanaka, R., see T. Mori 218 (1989) 499
Tanaka, R., see S.K. Kim 223 (1989) 476
Tanaka, R., see E.H. Low 228 (1989) 548
Tanaka, S., see T. Kitagaki 214 (1988) 281
Tanaka, S., see A.K. Kapoor 221 (1989) 125
Tanaka, T., see I. Adachi 218 (1989) 105
Tanaka, Y., The Schmidt diagrams and the configuration mixing effects on hypernuclear magnetic moments 227 (1989) 195
Tandon, P.N., see K.-H. Speidel 227 (1989) 16
Tandon, P.N., see U. Reuter 230 (1989) 16
Tang, P., see G. Krein 212 (1988) 362; 215 (1988) 145
Tang, W.-K., Hamiltonian quantization of self-dual tensor fields and a bosonic Nielsen–Ninomiya theorem 225 (1989) 256
Tang, Y.C., see Y. Fujiwara 222 (1989) 311
Tang-Petersen, S., see R. Medenwaldt 227 (1989) 483
Tanifuji, M., H. Kameyama, M. Kamimura, Y. Iseri and M. Yahiro, T_R and T_L tensor interactions in deuteron elastic scattering 217 (1989) 375
Tanikella, V., see R. Fulton 224 (1989) 445
Tanimori, T., see K.S. Hirata 220 (1989) 308
Tanimoto, M., Exclusive charmless non-leptonic decays of the B_q^0 meson 218 (1989) 481
Tanimura, N., Action-variational approach to SU(3) pure gauge theory 221 (1989) 55
Tanioka, K., see Y. Katsuki 218 (1989) 169; 227 (1989) 381
Tanner, N.W., see G. Kernel 216 (1989) 244; 225 (1989) 198
Tao, C., see C. Albajar 213 (1988) 405
Tao, H.-S., see R. Potting 215 (1988) 537
Taragin, M., see G.J. Kim 219 (1989) 62
Tarancón, A., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Tarancón, A., see J. Casahorrán 215 (1988) 730
Tarancón, A., see L.A. Fernández 217 (1989) 309, 314
Tarancón, A., see V. Azcoiti 217 (1989) 519
Tarancón, A., see A.M. Allega 227 (1989) 347
Taranov, A.Yu., see K.G. Chetyrkin 225 (1989) 411
Taras, P., S. Flibotte, J. Gascon, B. Haas, S. Pilotte, D.C. Radford, D. Ward, H.R. Andrews, F. Banville, J.K. Johansson and J.C. Waddington, Additional superdeformed states in the continuum of ^{149}Gd 222 (1989) 357

Tarnopolsky, G., see D. Aston 215 (1988) 199, 799
Tarrach, R., see S. Paban 213 (1988) 48
Tasaka, S., see S. Aoki 224 (1989) 441
Tasaka, S., see K. Kinoshita 228 (1989) 543
TASSO Collaboration, see W. Braunschweig 214 (1988) 286
Tata, X., see H. Baer 220 (1989) 303
Tatischeff, B., see N. Willis 229 (1989) 33
Tauchi, T., see D. Aston 215 (1988) 199, 799
Tauchi, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Taureg, H., see G.D. Barr 214 (1988) 303
Taurok, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Taylor, C., see R. Potting 215 (1988) 537
Taylor, G.N., see M. Arneodo 211 (1988) 493
Taylor, J.C., see H. Hüffel 217 (1989) 147
Taylor, J.G., see A. Restuccia 213 (1988) 11, 16; 214 (1988) 527
Taylor, L., see C. Albajar 226 (1989) 410; 229 (1989) 439
Taylor, T.R. and G. Veneziano, Strings and $D=4$ 212 (1988) 147
Taylor, T.R. and G. Veneziano, Dilaton couplings at large distances 213 (1988) 450
Taylor, T.R. and G. Veneziano, Quenching the cosmological constant 228 (1989) 311
Tazaki, S., see M. Hasegawa 226 (1989) 1
Tcherniatin, V., see T. Åkesson 214 (1988) 295
Tchikilev, O.G., see P.V. Chliapnikov 222 (1989) 152; 223 (1989) 119
Tchikilev, O.G., see I.V. Ajinenko 222 (1989) 306
Tchistilin, V., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Tchrakian, D.H., see R. Kerner 215 (1988) 87
Tchuvil'sky, Yu.M., see R.A. Eramzhyan 228 (1989) 1
Teichert, K.-M., see A.C. Benvenuti 223 (1989) 485, 490
Teiger, J., see R. Ansari 215 (1988) 175
Teitelboim, C., see M. Henneaux 222 (1989) 195
Temple-Raston, M., Two magnetic monopole Julia sets 213 (1988) 168
Ten Have, I., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Tenreiro, C., see D. Pereira 220 (1989) 347
Teofilatto, P., see M. Martellini 211 (1988) 293
Teper, M., see D.J.R. Pugh 218 (1989) 326; 224 (1989) 159
Teplitz, V.L., see D.A. Dicus 218 (1989) 84
Terada, S., see A. Bacala 218 (1989) 112
Terada, S., see T. Mori 218 (1989) 499
Terada, S., see S.K. Kim 223 (1989) 476
Terada, S., see E.H. Low 228 (1989) 548
Teramoto, Y., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Teranaka, M., see S. Aoki 224 (1989) 441
Ter Haar, B., see F. de Jong 220 (1989) 485
Ter-Martirosyan, K.A., see A.V. Dobrovolskaya 229 (1989) 293
Terunuma, N., see K. Hagiwara 219 (1989) 369
Tesima, K., Next-to-leading order corrections to multiplicity distribution 221 (1989) 91
Tesima, K., Next-to-leading order corrections to multiplicity distribution, Phys. Lett. B 221 (1989) 91. Erratum 224 (1989) 450

Testa, M., see A. Borrelli 221 (1989) 360
Tetereva, T.V., see A.A. Chumbalov 213 (1988) 255; 217 (1989) 568
Tether, S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Tetradis, N., see A.E. Nelson 221 (1989) 80
Tezuka, A., see U. Carow-Watamura 221 (1989) 299; 227 (1989) 73
Tezuka, I., see S. Aoki 224 (1989) 441
Thaler, J.J., see J. Adler 227 (1989) 501
Theine, K., see A.P. Byrne 217 (1989) 38
Theine, K., see K. Schiffer 219 (1989) 52
Theisen, S., see S. Ferrara 225 (1989) 363
Theisen, S., see D. Lüst 227 (1989) 367
Theisen, S., see D. Kapetanakis 229 (1989) 248
Thekkadath, G., see H.T. Duong 217 (1989) 401
Thénard, J.M., see M. Arneodo 211 (1988) 493
Thénard, J.M., see J.J. Aubert 218 (1989) 248
Thielemans, K., see F. Defever 212 (1988) 467
Thiran, E., see C. Alacoque 211 (1988) 59
Thodberg, H.H., see T. Åkesson 214 (1988) 295
Thomas, A.W., see A.I. Signal 211 (1988) 481
Thomas, A.W., see F.E. Close 212 (1988) 227
Thomas, A.W., see A.W. Schreiber 215 (1988) 141
Thomas, T., see T. Mori 218 (1989) 499
Thomas, T., see S.K. Kim 223 (1989) 476
Thomas, T., see E.H. Low 228 (1989) 548
Thompson, G., see D. Birmingham 212 (1988) 187; 214 (1988) 381
Thompson, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Thompson, G., see F. Hussain 216 (1989) 139
Thompson, G., see M. Rakowski 220 (1989) 557
Thompson, G., see F.A. Schaposnik 224 (1989) 379
Thompson, G., see M. Blau 228 (1989) 64
Thompson, J., see T. Åkesson 214 (1988) 295
Thompson, J.C., see M. Arneodo 211 (1988) 493
Thompson, J.C., see J.J. Aubert 218 (1989) 248
Thompson, R.J., see J.F. Bak 213 (1988) 242
Thorndike, E.H., see A. Bacala 218 (1989) 112
Thorndike, E.H., see T. Mori 218 (1989) 499
Thorndike, E.H., see P. Avery 223 (1989) 470
Thorndike, E.H., see S.K. Kim 223 (1989) 476
Thorndike, E.H., see W.-Y. Chen 226 (1989) 192
Thorndike, E.H., see M.S. Alam 226 (1989) 401
Thorndike, E.H., see E.H. Low 228 (1989) 548
Thornton, A.M., see D. Stephenson 212 (1988) 479
Thornton, A.M., Radially free Higgs–Yukawa model 214 (1988) 577
Thornton, A.M., A Yukawa–Wilson model 221 (1989) 151
Thornton, A.M., Fermion propagators from a Yukawa–Wilson model 227 (1989) 434
Thorsteinsen, J., see E. Andersen 220 (1989) 328
Thun, R., see S. Abachi 212 (1988) 533; 226 (1989) 405

Thun, R., see A. Snyder 229 (1989) 169
Tichomirov, I., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Tickle, R.S., see D.A. Cebra 227 (1989) 336
Tiecke, H.G., see S. Barlag 218 (1989) 374
Tikhomirov, V., see T. Åkesson 214 (1988) 295
Tiktopoulos, G., see E.G. Floratos 217 (1989) 285
Tilav, S., see S.M. Barr 214 (1988) 147
Tilley, D.R., see H.R. Weller 213 (1988) 413
Tinsley, J., see A. Boudard 214 (1988) 6
Tinyakov, P.G., see V.A. Rubakov 214 (1988) 334
Tirler, R., see A.C. Benvenuti 223 (1989) 485, 490
Tisserant, S., see Ch. Berger 227 (1989) 489
Titard, S., see J.-M. Frère 214 (1988) 463
Tixier, M.H., Z. Ajaltouni, A. Falvard, J. Jousset, B. Michel, J.C. Montret, D. Pallin, A. Antonelli, R. Baldini, J.-E. Augustin, G. Cosme, F. Couchot, F. Fulda, G. Grosdidier, B. Jean-Marie, V. Lepeltier, F. Mane, G. Szklarz, D. Bisello, G. Busetto, L. Pescara, P. Sartori and L. Stanco, Looking at *CP* invariance and quantum mechanics in $J/\psi \to \Lambda\bar{\Lambda}$ decay 212 (1988) 523
Tjøm, P.O., see E.M. Beck 215 (1988) 624
Tjon, J.A., see E. van Meijgaard 228 (1989) 307
Tkach, V.I., see D.P. Sorokin 216 (1989) 302
Tkachev, I.I., see V.A. Berezin 212 (1988) 415
Tkachev, I.I., see N.G. Kozimirov 215 (1988) 84
Tobimatsu, K., see K. Abe 213 (1988) 400
Todesco, G.M., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Todorov, I.T., see J.-L. Gervais 219 (1989) 435
Todorov, P., see A.C. Benvenuti 223 (1989) 485, 490
Todorova, G., see A.C. Benvenuti 223 (1989) 490
Toge, N., see D. Aston 215 (1988) 199, 799
Toki, H. and T. Yamazaki, Deeply bound pionic states of heavy nuclei 213 (1988) 129
Toki, H. and B. Castel, Ikeda's sum rule and charge-exchange reactions on ^{54}Fe 219 (1989) 181
Toki, H., see E. Oset 224 (1989) 249
Toki, W., see J. Adler 227 (1989) 501
Tolfree, D.W.L., see S.A. Wells 211 (1988) 272
Tollstén, A.K., see J.L. Petersen 213 (1988) 30; 214 (1988) 533
Tollstén, A.K., see B.E.W. Nilsson 222 (1989) 399
Tomalin, I.R., see W. Braunschweig 214 (1988) 286
Tomaradze, A.G., see I.V. Ajinenko 222 (1989) 306
Tompkins, J., see S. Keh 212 (1988) 123
Tompkins, J., see H. Janssen 228 (1989) 273
Tone, S., see K. Watanabe 213 (1988) 370
TOPAZ Collaboration, see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Topilskaya, N.S., see M.Kh. Khankhasayev 217 (1989) 14
Topilskaya, N.S., see M.B. Golubeva 221 (1989) 238
Toppan, F., see A.H. Diaz 211 (1988) 285
Toppan, F., see L. Bonora 224 (1989) 115

Törnqvist, N.A., The proton spin, axial vector current and mesonic cloud 221 (1989) 70
Tosello, F., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Toshev, S., Maximal T violation in matter 226 (1989) 335
Toth, J., see M. Arneodo 211 (1988) 493
Totsuka, Y., see K.S. Hirata 220 (1989) 308
Touchard, A.-M., see P. Astier 220 (1989) 646
Tovee, D.N., see S. Aoki 224 (1989) 441
Tovey, S.N., see R. Ansari 215 (1988) 175
Townsend, L.W., see F.A. Cucinotta 223 (1989) 127
Townsend, P., see P. Howe 215 (1988) 555
Townsend, P.K., see C.N. Pope 225 (1989) 245
Townsend, P.K., see A. Achúcarro 229 (1989) 383
Toyama, T., see C. Ohmori 230 (1989) 27
Toyoshima, K., see A. Bacala 218 (1989) 112
Toyoshima, K., see T. Mori 218 (1989) 499
Toyoshima, K., see S.K. Kim 223 (1989) 476
Toyoshima, K., see E.H. Low 228 (1989) 548
Tracas, N.D. and S.D.P. Vlassopulos, Signatures of a scalar leptoquark from superstrings at LEP I 220 (1989) 285
Tracas, N.D. and G. Zoupanos, Baryon number violation in future accelerators 220 (1989) 289
Trahern, C.G., see A. Bacala 218 (1989) 112
Trahern, C.G., see T. Mori 218 (1989) 499
Trahern, C.G., see S.K. Kim 223 (1989) 476
Trahern, C.G., see E.H. Low 228 (1989) 548
Traini, M., DWBA (e,e′) cross section and Coulomb sum rule 213 (1988) 1
Trainor, M.T., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Trampetic, J., see N.G. Deshpande 214 (1988) 467
Tran, M.T., see R.E. Breedon 216 (1989) 459
Tran Thanh Van, J., see V. Innocente 213 (1988) 81
Trappenberg, T., see K. Jansen 213 (1988) 203
Traxler, J., see E. Andersen 220 (1989) 328
Treichel, M., see P. Fisher 218 (1989) 257
Trent, P.T., see H. Cobbaert 213 (1988) 395
Trentadue, L., see S. Catani 211 (1988) 335; 217 (1989) 539
Trentalange, S., see A. Bacala 218 (1989) 112
Trentalange, S., see T. Mori 218 (1989) 499
Trentalange, S., see S.K. Kim 223 (1989) 476
Tretyak, V.I., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Tretyakova, M.I., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Trilling, G.H., see A. Snyder 229 (1989) 169
Trines, D., see W. Braunschweig 214 (1988) 286
Tripiccione, R., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Tripsas, B., see J. Adler 227 (1989) 501
Trivedi, A.K., Smeared lattice fermions: local, chiral, undoubled 230 (1989) 113
Trivedi, S.P., see J. Preskill 223 (1989) 26
Trofimova, T.P., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Troitskaya, N.I., see A.N. Ivanov 227 (1989) 275

Troost, W., see R.E. Kallosh 212 (1988) 428
Tross, W., see P. Bacilieri 214 (1988) 115; 220 (1989) 607; 224 (1989) 333
Trost, H.J., see S. Keh 212 (1988) 123
Trost, H.J., see H. Janssen 228 (1989) 273
Trudel, A., see M.A. Moinester 230 (1989) 41
Truoel, P., see G. Reifenröther 214 (1988) 325
Truöl, P., see M. Doser 215 (1988) 792
Truöl, P., see B. May 225 (1989) 450
Trzaska, W.H., see H. Emling 217 (1989) 33
Tsang, M.B., see D.E. Fields 220 (1989) 356
Tsang, M.B., Y.D. Kim, N. Carlin, Z. Chen, R. Fox, C.K. Gelbke, W.G. Gong, W.G. Lynch, T. Murakami, T.K. Nayak, R.M. Ronningen, H.M. Xu, F. Zhu, L. Sobotka, D. Stracener, D.G. Sarantites, Z. Majka, V. Abenante and H. Griffin, Reaction filters. Charged particle multiplicity and linear momentum transfer 220 (1989) 492
Tsang, W.Y., see R. Ansari 215 (1988) 175
Tschesche, S., see G. Koch 218 (1989) 143
Tscheslog, E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Tschirhart, R., see S. Abachi 212 (1988) 533; 226 (1989) 405
Tschirhart, R., see A. Snyder 229 (1989) 169
Tserruya, I., see T. Åkesson 214 (1988) 295
Tsertos, H., see W. Koenig 218 (1989) 12
Tseytlin, A.A., The partition function of the sigma model of the string on a compact two-space 223 (1989) 165
Tsipolitis, G., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Tsuboi, Y., see Y. Iwasaki 220 (1989) 602; 222 (1989) 269
Tsuboyama, T., see K. Abe 213 (1988) 400
Tsuchiya, A., On the mass degeneracies in type I open superstring theory 214 (1988) 35
Tsuchiya, A., A derivation of the Born–Infeld action from the *S*-matrix approach 223 (1989) 51
Tsuchiya, K., see A. Bacala 218 (1989) 112
Tsuchiya, K., see T. Mori 218 (1989) 499
Tsuchiya, K., see S.K. Kim 223 (1989) 476
Tsukagoshi, K., see S. Aoki 224 (1989) 441
Tsukamoto, A., see K. Abe 213 (1988) 400
Tsukamoto, T., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Tsuru, T., see C. Ohmori 230 (1989) 27
Tsutsui, I., Covariant anomalies in cohomology approach 229 (1989) 51
Tuan, S.F., T. Ferbel and R.H. Dalitz, Comments on evidence for a 1^{-+} exotic meson 213 (1988) 537
Tuominiemi, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Tupper, G., see J.H. Reid 218 (1989) 473
Turck-Chieze, S., see A. Magnon 222 (1989) 352
Turko, L., Intermittency, generating functions and fractal behaviour 227 (1989) 149
Turmel, W., see M. Gonin 217 (1989) 406
Turner, M.S., A.G. Cohen and D.B. Kaplan, Isocurvature baryon number fluctuations in an inflationary universe 216 (1989) 20
Tursunov, O.O. and O.V. Zhirov, Numerical simulation of Fermi systems 222 (1989) 110
Twin, P.J., see A.M. Bruce 215 (1988) 237

Twin, P.J., see P. Fallon 218 (1989) 137
Twin, P.J., see A. Alderson 228 (1989) 463
Tye, S.-H.H., see Y.J. Ng 215 (1988) 287
Tyugu, A.E., see A.A. Grigoryan 216 (1989) 198; 222 (1989) 538
Tzara, C., see P. Argan 213 (1988) 564
Tze, C.-H., see M. Grabowski 224 (1989) 259

UA1 Collaboration, see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
UA2 Collaboration, see R. Ansari 215 (1988) 175
UA6 Collaboration, see R.E. Breedon 216 (1989) 459
UA8 Collaboration, see R. Bonino 211 (1988) 239
Ubriaco, M.R., see P.H. Frampton 213 (1988) 260
Udagawa, T., see H. Utsunomiya 211 (1988) 24
Udagawa, T., see N. Auerbach 219 (1989) 184
Udagawa, T. and B.T. Kim, Continuum random-phase-approximation study of direct decay of giant monopole resonances in ^{90}Zr and ^{208}Pb 230 (1989) 6
Uehara, S., see K. Abe 213 (1988) 400
Uehara, S. and Y. Yasui, Super Beltrami differentials via 2D supergravity 217 (1989) 479
Uematsu, T., see S. Matsuda 220 (1989) 413
Ueno, A., see C. Ohmori 230 (1989) 27
Ueno, K., see A. Bacala 218 (1989) 112
Ueno, K., see T. Mori 218 (1989) 499
Ueno, K., see S.K. Kim 223 (1989) 476
Ueno, K., see E.H. Low 228 (1989) 548
Uggerhøj, E., see K. Elsener 212 (1988) 537
Uggerhøj, E., see J.F. Bak 213 (1988) 242
Uggerhøj, E., see M. Bini 221 (1989) 99
Uggerhøj, E., see R. Medenwaldt 227 (1989) 483
Ukai, K., see D. Aston 215 (1988) 199, 799
Ukai, K., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Ukawa, A., see Y. Koike 213 (1988) 497
Ulbig, S., see K.P. Lieb 215 (1988) 50
Ullrich, H., see G. Backenstoss 222 (1989) 7
Ulm, G., see W. Borchers 216 (1989) 7
Umemura, I., see N. Nakamura 212 (1988) 198
Umemura, I., see N. Nishii 223 (1989) 411
Underwood, D.G., see N. Akchurin 229 (1989) 299
Unno, Y., see K. Abe 213 (1988) 400
Uno, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Urban, L., see M. Arneodo 211 (1988) 493
Urban, L., see J.J. Aubert 218 (1989) 248
Urin, M.G., see V.G. Guba 218 (1989) 283
Urin, M.G., see V.V. Samoilov 219 (1989) 169
Uroševič, B.V., see I.Ya. Aref'eva 225 (1989) 240
Ursov, V.N., see V.N. Oraevsky 221 (1989) 357
Usher, T., see A. Angelopoulos 212 (1988) 129
Ushida, N., see S. Aoki 224 (1989) 441
Utsunomiya, H., R.P. Schmitt, Y.-W. Lui, D.R. Haenni, H. Dejbakhsh, I. Cooke, P. Heimberg, A. Ray, T. Tamura and T. Udagawa, Observation of α–t continuum states with relative energies of 0–2 MeV in ^{7}Li breakup reactions 211 (1988) 24
Utsunomiya, H., see M. Gonin 217 (1989) 406
Uvarov, V.A., see P.V. Chliapnikov 215 (1988) 417
Uvarov, V.A., see I.V. Ajinenko 222 (1989) 306

Vaagen, J.S., see S.N. Ershov 227 (1989) 315
Vacchi, A., see R.E. Breedon 216 (1989) 459
Vachaspati, T., De Sitter invariant states from quantum cosmology 217 (1989) 228
Vachaspati, T., see J. Louko 223 (1989) 21
Vafa, C., c-Theorem and the topology of 2D QFTs 212 (1988) 28
Vafa, C. and N.P. Warner, Catastrophes and the classification of conformal theories 218 (1989) 51
Vainshtein, A. and V.I. Zakharov, Calculating the photonic condensate in perturbative QED 225 (1989) 415
Vainshtein, A.I., see V.A. Novikov 217 (1989) 103
Valdata-Nappi, M., see R. Ansari 215 (1988) 175
Valenti, G., see R.E. Breedon 216 (1989) 459
Valin, P., see B. Margolis 213 (1988) 221
Valle, J.W.F., see M.C. Gonzalez-Garcia 216 (1989) 360
Valle, J.W.F., see G.C. Branco 225 (1989) 385
Van Apeldoorn, G.W., see J. Guy 229 (1989) 421
Van Baal, P., see S. Ouvry 220 (1989) 159
Van Baal, P., The size of SU(2) lattice artifacts 224 (1989) 397
Van Berg, R., see K.S. Hirata 220 (1989) 308
Van Bibber, K., see R.C. Walker 224 (1989) 353
Van de Guchte, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Van den Brandt, B., see R. Bertini 228 (1989) 531
Van den Brand, J.F.J., see G.J. Kramer 227 (1989) 199
Van der Bij, J.J., see E.W.N. Glover 219 (1989) 488
Van der Bij, J.J., see Ph. Jetzer 227 (1989) 341
Van der Lans, J., see G.D. Barr 214 (1988) 303
Van der Marck, S.C., see T. Matsuura 211 (1988) 171
Vander Molen, A., see D.A. Cebra 227 (1989) 336
Van der Schaaf, A., see S. Egli 222 (1989) 533
Van der Steenhoven, G., see R. Soundranayagam 212 (1988) 13
Van der Steenhoven, G., see G.J. Kramer 227 (1989) 199
Van der Werf, S.Y., M.N. Harakeh and E.N.M. Quint, Neutron spectroscopic factors in ^{208}Pb from the proton decay of the ^{208}Bi isobaric analog state 216 (1989) 15
Van der Werf, S.Y., see R. De Leo 226 (1989) 5, 202
Van de Ven, A.E., see S.J. Gates Jr. 214 (1988) 26; 225 (1989) 44
Van de Ven, A.E., see U. Lindström 224 (1989) 285; 228 (1989) 53
Van de Ven, A.E., see M. Roček 227 (1989) 87
Van de Vyver, R., see A. De Graeve 227 (1989) 321
Van de Walle, R.T., see S. Keh 212 (1988) 123
Van de Walle, R.T., see H. Janssen 228 (1989) 273
Van Dijk, A., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Van Duppen, P., see P. Dendooven 226 (1989) 27
Van Eijk, B., see C. Albajar 213 (1988) 405
Van Eijk, C.W.E., see G. Kernel 216 (1989) 244; 225 (1989) 198
Van Hal, P., see I.V. Ajinenko 222 (1989) 306
Van Hecke, H., see T. Åkesson 214 (1988) 295
Van Heerden, I.J., see R. Abegg 218 (1989) 436
Van Holten, J.W., see S. Aoyama 216 (1989) 133
Van Holten, J.W., see Z. Hasiewicz 217 (1989) 95

Van Holten, J.W., see E.A. Bergshoeff 226 (1989) 93
Van Hoorebeke, L., see A. De Graeve 227 (1989) 321
Van Isacker, P. and A. Frank, Scissors states in deformed odd-mass nuclei 225 (1989) 1
Van Kooten, R., see A. Snyder 229 (1989) 169
Van Meijgaard, E. and J.A. Tjon, Final state interaction effects in trinucleon response functions 228 (1989) 307
Van Neck, D., see J. Ryckebusch 216 (1989) 252; 222 (1989) 183
Van Neck, D., see K. Reiner 228 (1989) 31
Van Neerven, W.L., see T. Matsuura 211 (1988) 171
Van Nieuwenhuizen, P., see F. Bastianelli 217 (1989) 98
Van Nieuwenhuizen, P., see U. Lindström 224 (1989) 285; 228 (1989) 53
Van Nieuwenhuizen, P., see S.J. Gates Jr. 225 (1989) 44
Van Nieuwenhuizen, P., see M. Roček 227 (1989) 87
Vannucci, F., see P. Astier 220 (1989) 646
Van Otten, P., see A. De Graeve 227 (1989) 321
Van Oystaeyen, B., see P. Argan 213 (1988) 564
Van Proeyen, A., see R.E. Kallosh 212 (1988) 428
Van Rossum, L., see M. Svec 220 (1989) 653
Van Rossum, L., see N. Akchurin 229 (1989) 299
Van Tonder, A., see J.P. Rodrigues 217 (1989) 85
Van Uitert, B., see S. Keh 212 (1988) 123
Van Uitert, B., see H. Janssen 228 (1989) 273
Van Zijl, M., see J.H. Reid 218 (1989) 473
Vanzo, L. and S. Zerbini, Critical dimension of bosonic string theory and zeta-function regularization 214 (1988) 51
Vanzo, L., see G. Cognola 223 (1989) 416
Vardiashvili, M.D., see A.L. Kataev 221 (1989) 377
Varela, J., see C. Baglin 220 (1989) 471
Varvell, K., see J. Guy 229 (1989) 421
Vary, J.P., see G. Yen 218 (1989) 408
Vary, J.P., see A.O. Gattone 219 (1989) 22
Vary, J.P., see G. Bozzolo 219 (1989) 161
Vashakidze, S., see S.J. Gates Jr. 226 (1989) 237
Vasiliev, A.N., see N. Akchurin 229 (1989) 299
Vasseur, G., see T. Åkesson 214 (1988) 295
Vassilevich, D.V., see Y.V. Novozhilov 220 (1989) 36
Vassiliadis, G., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Vautherin, D., see C. Martin 227 (1989) 301
Vautherin, D., see D. Lagarde 229 (1989) 193
Vayonakis, C.E., Variation of low energy parameters, primordial nucleosynthesis and a new weak force 213 (1988) 419
Vaz, C., see A. Bhattacharyya 224 (1989) 384
Veenhof, R., see T. Åkesson 214 (1988) 295
Vega, R., see A. Abbasabadi 213 (1988) 386
Vega, R., see D.A. Dicus 217 (1989) 194
Veillet, J.-J., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Veitch, M.E., see W. Braunschweig 214 (1988) 286

Veltman, H., see A. Snyder 229 (1989) 169
Venaglioni, A., see F. Balestra 215 (1988) 247
Veneziano, G., see T.R. Taylor 212 (1988) 147; 213 (1988) 450; 228 (1989) 311
Veneziano, G., see D. Amati 216 (1989) 41
Veneziano, S., see C. Albajar 226 (1989) 410; 229 (1989) 439
Vento, V., see V. Sanjosé 225 (1989) 15
Venus, W., see J. Guy 229 (1989) 421
VENUS Collaboration, see K. Abe 213 (1988) 400
Venuti, J.P., see H.R. Band 218 (1989) 369
Verbaarschot, J.J.M., see M.A. Nowak 217 (1989) 157; 226 (1989) 382; 228 (1989) 251
Verbeure, F., see I.V. Ajinenko 222 (1989) 306
Verbin, Y., Yang–Mills instantons in closed Friedmann universes 223 (1989) 296
Verbin, Y. and A. Davidson, Quantized non-abelian wormholes 229 (1989) 364
Vercellin, E., see R. Bertini 228 (1989) 531
Vercesi, V., see R. Ansari 215 (1988) 175
Verdini, P.G., see H.R. Band 218 (1989) 369
Vergados, J.D., see P. Vogel 212 (1988) 259
Vergados, J.D., see T.S. Kosmas 215 (1988) 460; 217 (1989) 19; 219 (1989) 457, 531
Vergados, J.D., Does the $\Delta(3/2, 3/2)$ resonance contribute to $0^+ \to 0^+$ double β-decay? 218 (1989) 119
Vermeer, W.J., D.M. Pringle, E.F. Garman and I.F. Wright, Yrast 8^+ and 9^+ states of ^{22}Na 217 (1989) 28
Vermeulen, D., see S. Egli 222 (1989) 533
Vernin, P., see A. Magnon 222 (1989) 352
Verschelde, H., Non-rigid quantisation of rotating skyrmions and the pion–skyrmion vertex 215 (1988) 444
Verstegen, D., see C. Alacoque 211 (1988) 59
Verzegnassi, C., see F. Boudjema 214 (1988) 151
Verzegnassi, C., see F.M. Renard 217 (1989) 199; 221 (1989) 197; 225 (1989) 431
Vetterli, D., see P. Weber 230 (1989) 31
Vetterli, M., see M.A. Moinester 230 (1989) 41
Vialle, J.P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Vicari, E., see M. Campostrini 225 (1989) 403
Videbaek, F., see P.M. Evans 229 (1989) 25
Viesti, G., see M. Gonin 217 (1989) 406
Vilasi, G., see S. De Filippo 220 (1989) 576
Vilela Mendes, R., On a stochastic process associated to non-abelian gauge fields 223 (1989) 83
Vilenkin, A., see S. del Campo 224 (1989) 45
Villa, F., see J. Adler 227 (1989) 501
Villalobos Baillie, O., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Villari, A., see N. Akchurin 229 (1989) 299
Villasenor, L., see C. Albajar 213 (1988) 405
Viñas, X., see M. Pi 215 (1988) 5
Vincent, E., see P. Argan 213 (1988) 564
Vinet, L., see E. Plagnol 221 (1989) 11
Vinh Mau, R., see P. La France 214 (1988) 317
Vinitsky, S.L., see V.I. Korobov 228 (1989) 21
Vink, J.C., Staggered fermions, topological charge and topological susceptibility in lattice QCD 212 (1988) 483
Vinson, J., see T. Mori 218 (1989) 499

Vinson, J., see S.K. Kim 223 (1989) 476
Vinson, J., see E.H. Low 228 (1989) 548
Viola, R.W., see D.E. Fields 220 (1989) 356
Viola, V.E., see W. Skulski 218 (1989) 7
Viola, V.E., see D.E. Fields 220 (1989) 356
Virchaux, M., see A.C. Benvenuti 223 (1989) 485, 490
Virdee, T.S., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Vismara, L., see F. Lemeilleur 222 (1989) 518
Vismara, L., see E. Borchi 222 (1989) 525
Vitale, S., see R. Barbieri 226 (1989) 357
Vitiello, G., see R. Mańka 222 (1989) 31
Vitturi, A., see C.E. Alonso 212 (1988) 1
Vitturi, A., see H.M. Sofia 222 (1989) 317
Vladimirov, V.S. and I.V. Volovich, Vacuum state in p-adic quantum mechanics 217 (1989) 411
Vladimirov, Yu.V., see N.A. Burkova 223 (1989) 136
Vlassopulos, S.D.P., see N.D. Tracas 220 (1989) 285
Voegler, N., see J. Friedrich 217 (1989) 220
Voegler, N., see K. Reiner 228 (1989) 31
Vogel, H., see S. Keh 212 (1988) 123
Vogel, H., see H. Janssen 228 (1989) 273
Vogel, P., M. Ericson and J.D. Vergados, Sum rules for two-particle operators and double beta decay 212 (1988) 259
Vogel, P., see J. Engel 225 (1989) 5
Vogt, A., see M. Glück 222 (1989) 149
Vogt, J., see G. Koch 218 (1989) 143
Vohwinkel, C., The mass of the T_2^- glueball in SU(2) Yang–Mills theory in intermediate volumes from an analytic calculation 213 (1988) 54
Voigt, A., see S. Keh 212 (1988) 123
Voigt, A., see H. Janssen 228 (1989) 273
Völk, H.G., see H. Leucker 223 (1989) 277
Volkas, R.R., A.J. Davies and G.C. Joshi, Naturalness of the invisible axion model 215 (1988) 133
Volkas, R.R., see R. Foot 217 (1989) 301; 226 (1989) 318
Volkas, R.R., see X.-G. He 218 (1989) 508; 222 (1989) 86
Volkov, D.V., see D.P. Sorokin 216 (1989) 302
Volkov, M.K., Phenomenological connections of the processes $\pi^- \to \bar{\nu} 3e$, $\pi \to \bar{\nu} e \gamma$, $a_1 \to \pi\rho$, $a_1 \to \pi\gamma$ and $\pi^0 \to \gamma\gamma$ 222 (1989) 298
Volkov, M.K., see A.N. Ivanov 227 (1989) 275
Volland, U., see S. Keh 212 (1988) 123
Volland, U., see H. Albrecht 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Volland, U., see H. Janssen 228 (1989) 273
Volodko, A.G., see A.C. Benvenuti 223 (1989) 485, 490
Vologodsky, V.B., see I.L. Buchbinder 216 (1989) 127
Volovich, I.V., see I.Ya. Aref'eva 212 (1988) 283; 214 (1988) 339
Volovich, I.V., see V.S. Vladimirov 217 (1989) 411
Volovich, I.V., Baby universes and the dimensionality of spacetime 219 (1989) 66
Voltolini, Ch., see E. Andersen 220 (1989) 328

Vonach, H., see G. Reifenröther 214 (1988) 325
Vonach, H., see M. Doser 215 (1988) 792
Vonach, H., see B. May 225 (1989) 450
Von Brentano, P., see C. Wesselborg 211 (1988) 500
Von Brentano, P., see W. Frank 215 (1988) 435
Von Brentano, P., see G. Böhm 220 (1989) 27
Von Brentano, P., see N.V. Zamfir 226 (1989) 11
Von Dardel, G., see R.E. Breedon 216 (1989) 459
Von der Schmitt, H., see S. Bethke 213 (1988) 235
Von Feilitzsch, F., see A.A. Hahn 218 (1989) 365
Von Feilitzsch, F., see R. Kulessa 218 (1989) 421
Von Frankenberg, R., see P.D. Barnes 229 (1989) 432
Von Goeler, E., see H.R. Band 218 (1989) 369
Von Krogh, J., see S. Bethke 213 (1988) 235
Von Oertzen, W., see C. Bérat 218 (1989) 299
Von Oertzen, W., see E. Stiliaris 223 (1989) 291
Von Schlippe, W., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Vorkapić, D., see V. Paar 211 (1988) 265
Vorlet, J.P., see J.A. Pinston 218 (1989) 128
Voruganti, P., Topological features of the nonlinear sigma model with Hopf term using chiral lagrangians 214 (1988) 413
Voruganti, P., Stable static solitons in the nonlinear sigma model with a topological term 223 (1989) 181
Voruganti, P., see A. Snyder 229 (1989) 169
Voskresensky, D.N., see A.V. Senatorov 219 (1989) 31
Voss, R., see A.C. Benvenuti 223 (1989) 485, 490
Votruba, M.F., see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
Vourdas, A., see G.N. Fowler 214 (1988) 657
Vrana, J., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Vuillemin, V., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Vuilleumier, J.-L., see P. Fisher 218 (1989) 257

WA76 Collaboration, see T.A. Armstrong 221 (1989) 216, 221; 227 (1989) 186; 228 (1989) 536
WA78 Collaboration, see H. Cobbaert 213 (1988) 395
WA80 Collaboration, see R. Albrecht 221 (1989) 427
Wachs, K., see S. Keh 212 (1988) 123
Wachs, K., see H. Janssen 228 (1989) 273
Wachsmuth, H., see J. Guy 229 (1989) 421
Wacker, K., see S. Keh 212 (1988) 123
Wacker, K., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Wacker, K., see H. Janssen 228 (1989) 273
Wada, R., see M. Gonin 217 (1989) 406
Wada, W.W., see T. Matsuki 222 (1989) 395
Waddington, J.C., see P. Taras 222 (1989) 357
Wade, M.F., see K. Hagiwara 228 (1989) 144
Wagner, A., see S. Bethke 213 (1988) 235
Wagner, C.E.M., Asymptotic fermions in two-dimensional chiral gauge theories 222 (1989) 79
Wagner, G.J., see M. Ermer 224 (1989) 40
Wagner, G.J., see G.J. Kramer 227 (1989) 199
Wagner, G.J., see K. Reiner 228 (1989) 31
Wagner, I., see S. Krasznovszky 213 (1988) 103
Wagner, I., see S. Krasnovszky 228 (1989) 159
Wagner, S.R., see A. Snyder 229 (1989) 169
Wahl, H., see G.D. Barr 214 (1988) 303
Wahlen, H., see J.J. Aubert 218 (1989) 248
Wainer, N., see W. Braunschweig 214 (1988) 286
Wait, G.D., see R. Bertini 228 (1989) 531
Waite, A., see D. Aston 215 (1988) 199, 799
Wakai, M., see K. Abe 213 (1988) 400
Wakai, M., see M. Sano 224 (1989) 359
Wakamatsu, M., The Nambu–Jona-Lasinio model and the chiral anomaly 211 (1988) 161
Walczak, R., see W. Braunschweig 214 (1988) 286
Walden, P.L., see Z. Papandreou 227 (1989) 25
Waldi, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Walhout, T.S., Multibaryon configurations in the ω-stabilized Skyrme model 227 (1989) 10
Wali, K.C., see A. Davidson 213 (1988) 439
Walk, W., see S. Keh 212 (1988) 123
Walk, W., see H. Janssen 228 (1989) 273
Walker, I.W., see S. Bethke 213 (1988) 235
Walker, P.M., see S.A. Wells 211 (1988) 272
Walker, R., see E.H. Low 228 (1989) 548
Walker, R.C., B.W. Filippone, J. Jourdan, R. Milner, R. McKeown, D. Potterveld, R. Arnold, D. Benton, P. Bosted, G. deChambrier, L. Clogher, A. Lung, S.E. Rock, Z.M. Szalata, A. Para, F. Dietrich, K. van Bibber, J. Button-Shafer, B. Debebe, R.S. Hicks, S. Dasu, P. de Barbaro, A. Bodek, H. Harada, M.W. Krasny, K. Lang, E.M. Riordan, J. Alster, R. Gearhart and L.W. Whitlow, Measurement of the proton elastic form factors for $Q^2 = 1$–3 $(\mathrm{GeV}/c)^2$ 224 (1989) 353
Wallet, J.C., see J.P. Ader 215 (1988) 111; 226 (1989) 302

Wallucks, W., see M. Arneodo 211 (1988) 493
Walter, G., see P. Baumann 228 (1989) 458
Walter, H.K., see S. Egli 222 (1989) 533
Waltermann, G., see S. Barlag 218 (1989) 374
Walther, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Walton, M.A., see C. Ahn 223 (1989) 343
Walzel, G., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Wambach, J., see S. Nishizaki 215 (1988) 231
Wambach, J., see A. Sustich 218 (1989) 417
Wambach, J., see T.L. Ainsworth 222 (1989) 173; 228 (1989) 299
Wanderer, P., see P. Astier 220 (1989) 646
Wanders, G., see D. Cangemi 211 (1988) 107
Wang, A.T.M., see T. Mori 218 (1989) 499
Wang, A.T.M., see S.K. Kim 223 (1989) 476
Wang, A.T.M., see E.H. Low 228 (1989) 548
Wang, H.Q., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Wang, J.-X., see C.-H. Chang 227 (1989) 479
Wang, S., see T. Kitagaki 214 (1988) 281
Wang, Z.F., see G. Roche 226 (1989) 228
Ward, B.F.L., see S. Jadach 220 (1989) 611
Ward, D., see P. Taras 222 (1989) 357
Warming, P., see S. Bethke 213 (1988) 235
Warner, D.D., see S.A. Wells 211 (1988) 272
Warner, D.D., see S.J. Freeman 222 (1989) 347
Warner, N.P., see K. Li 211 (1988) 101
Warner, N.P., see W. Lerche 214 (1988) 41
Warner, N.P., see C. Vafa 218 (1989) 51
Waroquier, M., see J. Ryckebusch 216 (1989) 252; 222 (1989) 183
Waroquier, M., see K. Heyde 218 (1989) 287
Waroquier, M., see K. Reiner 228 (1989) 31
Warr, B.J., see B. Rosenstein 218 (1989) 465; 219 (1989) 469
Wąs, Z., see S. Jadach 219 (1989) 103
Wasserbaech, S., see J. Adler 227 (1989) 501
Watamura, S., see U. Carow-Watamura 221 (1989) 299; 227 (1989) 73
Watanabe, K. and S. Tone, High energy limit of the energy fraction of the central region in the Chou–Yang model 213 (1988) 370
Watanabe, T., see K. Abe 213 (1988) 400
Watanabe, Y., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Watase, Y., see K. Abe 213 (1988) 400
Watkins, R., see M. Srednicki 225 (1989) 140
Watson, J., see D. Frekers 218 (1989) 439
Watson, J., see M.A. Moinester 230 (1989) 41
Watson, P.J.S., see P. Kalyniak 216 (1989) 397
Wattenberg, A., see J. Adler 227 (1989) 501
Wätterstam, A., see B.E.W. Nilsson 222 (1989) 399
Watts, S., see S. Barlag 218 (1989) 374

Wauters, J., see P. Dendooven 226 (1989) 27
Webber, B.R., see C.P. Fong 229 (1989) 289
Weber, F., see J. Götz 226 (1989) 213
Weber, G., see S. Bethke 213 (1988) 235
Weber, H.J., Gluon and quark condensate induced $^3P_0$ quark pair creation 218 (1989) 267
Weber, P., see S. Stanislaus 219 (1989) 237
Weber, P., see G. Backenstoss 222 (1989) 7
Weber, P., see A. Snyder 229 (1989) 169
Weber, P., J. McAlister, R. Olszewski, A. Feltham, M. Hanna, D. Humphrey, R.R. Johnson, G.J. Lolos, Y. Mardor, S. May-Tal, D. Ottewell, Z. Papandreou, M. Pavan, C. Ponting, F.M. Rozon, M. Sevior, G. Sheffer, G.R. Smith, V. Sossi, R. Tacik and D. Vetterli, Multinucleon pion absorption in the ^{4}He(π^+, ppp)n reaction 230 (1989) 31
Weber, Th., R.D. Heil, U. Kneißl, W. Wilke, H.J. Emrich, Th. Kihm and K.T. Knöpfle, Near barrier fission channels (J^π,K) in ^{238}U for spins $J^\pi = 0^+, 1^-$, and 2^+ from (e,e′f) angular correlation measurements 215 (1988) 469
Wedemeyer, R., see W. Braunschweig 214 (1988) 286
Wegener, D., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Wegener, H., see S. Keh 212 (1988) 123
Wegener, H., see H. Albrecht 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Wegener, H., see H. Janssen 228 (1989) 273
Wei, Y., see Ch. Berger 227 (1989) 489
Weidberg, A.R., see R. Ansari 215 (1988) 175
Weidenauer, P., see G. Reifenröther 214 (1988) 325
Weidenauer, P., see B. May 225 (1989) 450
Weigel, H., The influence of different anomalous terms in effective meson lagrangians on baryon resonances 215 (1988) 24
Weigel, H., see N.W. Park 224 (1989) 171; 228 (1989) 420
Weigel, M.K., see J. Götz 226 (1989) 213
Weihs, W., see G.D. Barr 214 (1988) 303
Weilhammer, P., see S. Barlag 218 (1989) 374
Weiner, R.M., see P.A. Carruthers 212 (1988) 369; 214 (1988) 661; 222 (1989) 487
Weiner, R.M., see G.N. Fowler 214 (1988) 657
Weinstein, A.J., see J. Adler 227 (1989) 501
Weinstein, A.J., see A. Snyder 229 (1989) 169
Weinstein, R., see H.R. Band 218 (1989) 369
Weir, A.J., see A. Snyder 229 (1989) 169
Weiss, J.M., see S. Abachi 212 (1988) 533
Weisz, P., see M. Lüscher 212 (1988) 472
Weisz, S., see A. Snyder 229 (1989) 169
Weller, H.R., R.M. Whitton, J. Langenbrunner, E. Hayward, W.R. Dodge, S. Kuhn and D.R. Tilley, The energy dependence of polarization observables in the ^{2}H(d, γ)^{4}He reaction 213 (1988) 413
Wells, D., see D.S. Dale 214 (1988) 329
Wells, S.A., D.E. Evans, J.A.R. Griffith, D.A. Eastham, J. Groves, J.R.H. Smith, D.W.L. Tolfree, D.D. Warner, J. Billowes, I.S. Grant and P.M. Walker, Fluorescent atom

coincidence spectroscopy of extremely neutron-deficient barium isotopes 211 (1988) 272
Welsh, R., see G. Roche 226 (1989) 228
Wendt, K., see W. Borchers 216 (1989) 7
Weng, Z.O., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Wermes, N., see J. Adler 227 (1989) 501
Werner, K., Energy and particle densities in ultrarelativistic heavy ion collisions from the string model VENUS 219 (1989) 111
Werner, K. and M. Kutschera, On the origin of negative binomial multiplicity distributions in proton–nucleus collisions 220 (1989) 243
Werner, S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Werner, T., see J. Dudek 211 (1988) 252; 213 (1988) 120
Weseler, S., see H. Albrecht 229 (1989) 175, 304; 230 (1989) 162, 169
Wesselborg, C., P. von Brentano, K.O. Zell, R.D. Heil, H.H. Pitz, U.E.P. Berg, U. Kneißl, S. Lindenstruth, U. Seemann and R. Stock, Photoexcitation of dipole modes in ^{160,162,164}Dy, Phys. Lett. B 207 (1988) 22. Erratum 211 (1988) 500
Wessler, M., see R. Bertini 228 (1989) 531
West, P., see M.D. Freeman 217 (1989) 259
West, P.C., see P.S. Howe 223 (1989) 371, 377; 227 (1989) 397
Westfall, G.D., see D.A. Cebra 227 (1989) 336
Weston, R.A., ϕ^4 in three dimensions. A stochastic slave equation simulation 219 (1989) 315
Wetterich, C., see J. Ellis 228 (1989) 264
Weyer, H.J., see G. Backenstoss 222 (1989) 7
Weyers, J., see C. Alacoque 211 (1988) 59
Whalley, M., see M. Arneodo 211 (1988) 493
Whalley, M., see J.J. Aubert 218 (1989) 248
Wheater, J.F., see S.M. Catterall 213 (1988) 186
Wheater, J.F., A topological lattice model 223 (1989) 451
Wheeler, S., see M. Arneodo 211 (1988) 493
Whisnant, C.S., see G.S. Adams 219 (1989) 399
White, B.L., see G. Reifenröther 214 (1988) 325
White, B.L., see M. Doser 215 (1988) 792
White, B.L., see B. May 225 (1989) 450
White, D.H., see P. Astier 220 (1989) 646
White, J.L., see N. Akchurin 229 (1989) 299
White, S.L., see A. Snyder 229 (1989) 169
White, S.N., see R.E. Breedon 216 (1989) 459
Whitlow, L.W., see R.C. Walker 224 (1989) 353
Whitmore, J., see P. Avery 223 (1989) 470
Whitmore, J., see R. Fulton 224 (1989) 445
Whitmore, J., see W.-Y. Chen 226 (1989) 192
Whitmore, J., see M.S. Alam 226 (1989) 401
Whitten, C., see G. Pauletta 211 (1988) 19
Whitton, R.M., see H.R. Weller 213 (1988) 413
Wickens, F., see S. Barlag 218 (1989) 374
Wicklund, E., see A. Snyder 229 (1989) 169
Widgoff, M., see T. Kitagaki 214 (1988) 281

Wiedenmann, W., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Wiegmann, P.B., see D. Khveshchenko 225 (1989) 279
Wieloch, A., see K. Grotowski 223 (1989) 287
Wiggers, L.W., see S. Barlag 218 (1989) 374
Wigmans, R., see T. Åkesson 214 (1988) 295
Wijewardhana, L.C.R., see T. Appelquist 220 (1989) 223
Wijewardhana, L.C.R., see A. Bhattacharyya 224 (1989) 384
Wilczynski, J., J.D. Hinnefeld, E.E. Koldenhof, H.K.W. Leegte, R.H. Siemssen, H.W. Wilschut and Y.X. Xie, Generation and division of excitation energy in heavy-ion collisions studied by measuring charged-particle survival fractions 220 (1989) 497
Wildish, A., see C. Albajar 213 (1988) 405
Wilets, L., see G. Krein 212 (1988) 362
Wilk, G., see G.N. Fowler 214 (1988) 657
Wilke, W., see Th. Weber 215 (1988) 469
Wilkes, R.J., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Wilkins, B., see M. Gonin 217 (1989) 406
Wilkins, B.D., see P.M. Evans 229 (1989) 25
Willenbrock, S., see S. Dawson 211 (1988) 200
Williams, A., see D. Ashery 215 (1988) 41
Williams, A.G., see G. Krein 212 (1988) 362; 215 (1988) 145
Williams, A.L., L. Agnew, L.G. Atencio, H.W. Baer, M. Burlein, G.R. Burleson, K.S. Dhuga, H.T. Fortune, G.S. Kyle, J.A. McGill, C.F. Moore, C.L. Morris, S. Mordechai, J.M. O'Donnell, M.W. Rawool, S. Schilling, J.D. Silk and J.D. Zumbro, Pion double charge exchange above the $\Delta(1232)$ resonance 216 (1989) 11
Williams, D., see S. Keh 212 (1988) 123
Williams, D., see J.J. Aubert 218 (1989) 248
Williams, D.A., see H. Janssen 228 (1989) 273
Williams, D.N., see M.B. Einhorn 211 (1988) 457
Williams, M.C.S., see A. Bacala 218 (1989) 112
Williams, M.C.S., see T. Mori 218 (1989) 499
Williams, M.C.S., see S.K. Kim 223 (1989) 476
Williams, M.C.S., see E.H. Low 228 (1989) 548
Williams, S., see D. Aston 215 (1988) 199, 799
Williams, W.S.C., see M. Arneodo 211 (1988) 493
Williams, W.S.C., see J.J. Aubert 218 (1989) 248
Williamson, J., see J.J. Aubert 218 (1989) 248
Willis, N., A. Moalem, M.P. Comets, J. Arvieux, A.M. Bergdolt, G. Bergdolt, L. Bimbot, O. Bing, M. Boivin, A. Chisholm, P. Courtat, F. Hibou, Y. Le Bornec, E. Loireleux, F. Reide and B. Tatischeff, Experimental search for $B=2$, $T=2$ bound states around the πNN threshold 229 (1989) 33
Willis, W., see T. Åkesson 214 (1988) 295
Willutzki, H.J., see J. Adler 227 (1989) 501
Wilpert, M., see E. Stiliaris 223 (1989) 291
Wilpert, Th., see E. Stiliaris 223 (1989) 291
Wilschut, H.W., see J. Wilczynski 220 (1989) 497
Wilschut, H.W., see J.D. Binnefeld 225 (1989) 308
Wilson, C., see T.J. Phillips 224 (1989) 348

Wilson, G.W., see J.F. Bak 213 (1988) 242
Wilson, J.W., see F.A. Cucinotta 223 (1989) 127
Wilson, R., see P. Avery 223 (1989) 470
Wilson, R., see R. Fulton 224 (1989) 445
Wilson, R., see W.-Y. Chen 226 (1989) 192
Wilson, R., see M.S. Alam 226 (1989) 401
Wilson, S., see A. Bacala 218 (1989) 112
Wilson, S., see T. Mori 218 (1989) 499
Wilson, S., see S.K. Kim 223 (1989) 476
Wilson, S., see E.H. Low 228 (1989) 548
Wilson, W.K., see D.A. Cebra 227 (1989) 336
Wimpenny, S.J., see M. Arneodo 211 (1988) 493
Wimpenny, S.J., see C. Albajar 213 (1988) 405
Wimpenny, S.J., see J.J. Aubert 218 (1989) 248
Winchell, D.F., see M.S. Kaplan 215 (1988) 251
Windmolders, R., see M. Arneodo 211 (1988) 493
Winger, J.A., see H. Mach 230 (1989) 21
Wingerter, I., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Winkler, U., see P.A. Henning 217 (1989) 211
Winn, D.R., see T.J. Phillips 224 (1989) 348
Winter, Ch., see K.P. Lieb 215 (1988) 50
Winter, G.G., see H.-J. Behrend 212 (1988) 515; 215 (1988) 186; 218 (1989) 493; 222 (1989) 163
Winter, K., see J.V. Allaby 213 (1988) 554
Wintgen, P., see Ch. Berger 227 (1989) 489
Winther, A., see J.H. Sørensen 225 (1989) 41
Wipf, A., see P. Forgács 227 (1989) 214
Wirbel, M. and Y.-L. Wu, D and D* production in inclusive B decays 228 (1989) 430
Wirowski, R., see G. Böhm 220 (1989) 27
Wischnewski, R., see I.V. Ajinenko 222 (1989) 306
Wise, M.B., see B. Grinstein 212 (1988) 407
Wise, M.B., see A.K. Gupta 218 (1989) 21
Wise, M.B., see J. Preskill 223 (1989) 26
Wiser, D.E., see H.R. Band 218 (1989) 369
Wisinski, D., see J. Adler 227 (1989) 501
Wisniewski, W.J., see J. Adler 227 (1989) 501
Witek, M., see S. Barlag 218 (1989) 374
Witherell, M.S., see J.C. Anjos 223 (1989) 267
Wittek, W., see J. Guy 229 (1989) 421
Wodrich, R.W., see M. Doser 215 (1988) 792
Wodrich, W.R., see G. Reifenröther 214 (1988) 325
Wodrich, W.R., see B. May 225 (1989) 450
Woertche, H., see G. Hartung 221 (1989) 109
Wohn, F.K., see H. Mach 230 (1989) 21
Wójcik, W., see M. Kutschera 223 (1989) 11
Woldt, P., see P.D. Barnes 229 (1989) 432
Wolf, G., see M. Arneodo 211 (1988) 493
Wolf, G., see W. Braunschweig 214 (1988) 286

Wolf, J., see H.-J. Behrend 215 (1988) 186
Wolfe, D.M., see A. Angelopoulos 212 (1988) 129
Wolfengaut, Yu.Yu., see I.L. Buchbinder 216 (1989) 127
Wolff, U., see K. Jansen 213 (1988) 203
Wolff, U., Continuum behavior in the lattice O(3) sigma model 222 (1989) 473
Wolff, U., Comparison between cluster Monte Carlo algorithms in the Ising model 228 (1989) 379
Wolinski, J., see P. Avery 223 (1989) 470
Wolinski, J., see R. Fulton 224 (1989) 445
Wolinski, J., see W.-Y. Chen 226 (1989) 192
Wolinski, J., see M.S. Alam 226 (1989) 401
Wollersheim, H.J., see M. Gai 215 (1988) 242
Wollersheim, H.J., see R. Kulessa 218 (1989) 421
Wolter, H.H., see C. Bérat 218 (1989) 299
Woo, L.W., see W. Skulski 218 (1989) 7
Wood, D.R., see A. Snyder 229 (1989) 169
Woodard, R.P., Inferring closed string field theory from the on-shell effective action 213 (1988) 144
Woodward, J., see T.A. Armstrong 227 (1989) 186
Worden, H., see P. Avery 223 (1989) 470
Worden, H., see R. Fulton 224 (1989) 445
Worden, H., see W.-Y. Chen 226 (1989) 192
Worden, H., see M.S. Alam 226 (1989) 401
Worris, M., see P. Avery 223 (1989) 470
Worris, M., see R. Fulton 224 (1989) 445
Worris, M., see W.-Y. Chen 226 (1989) 192
Worris, M., see M.S. Alam 226 (1989) 401
Worstell, W., see T.J. Phillips 224 (1989) 348
Wosiek, J., see W. Ochs 214 (1988) 617
Wozniak, G.J., see D.G. Sarantities 218 (1989) 427
Wozniak, G.J., see E. Plagnol 221 (1989) 11
Wright, B.K., see J.F. Crawford 213 (1988) 391
Wright, I.F., see W.J. Vermeer 217 (1989) 28
Wu, C.M., Z.K. Zhu, P.Y. Zhao, Y.S. Song, S.J. Dong, H.P. Ying and S.S. Xue, Phase structure of lattice ϕ^4 theory by variational cumulant expansion 216 (1989) 381
Wu, D., see X. Li 218 (1989) 357
Wu, D.Y., see A. Snyder 229 (1989) 169
Wu, K., see L. Bonora 218 (1989) 153; 224 (1989) 115
Wu, K., see T. Saito 220 (1989) 93
Wu, T.T., see M. Jacob 216 (1989) 442; 221 (1989) 203
Wu, X., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Wu, Y., see T. Kitagaki 214 (1988) 281
Wu, Y.-L., see M. Wirbel 228 (1989) 430
Wulz, C.-E., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Wunsch, M., see R. Ansari 215 (1988) 175
Wünsch, R., see H. Reinhardt 215 (1988) 577; 230 (1989) 93
Wurth, R., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Wyld, H.W., see F. Karsch 213 (1988) 505

Wyld, H.W., see A. Irbäck 216 (1989) 177
Wyler, D., see A.H. Chamseddine 228 (1989) 75
Wyss, R., J. Nyberg, A. Johnson, R. Bengtsson and W. Nazarewicz, Highly deformed intruder bands in the $A \approx 130$ mass region 215 (1988) 211
Wyss, R., see W. Nazarewicz 225 (1989) 208

Xi, Z.-M., Three-loop beta-function of the Wess–Zumino–Witten model 214 (1988) 204
Xi, Z.-M., Nielsen–Olesen vortex in the presence of a Chern–Simons term 217 (1989) 113
Xia, L. and C.M. Ko, K/π ratio from high-energy heavy-ion collisions 222 (1989) 343
Xia, Y., see E. Andersen 220 (1989) 328
Xiao, D., see P. Avery 223 (1989) 470
Xiao, D., see R. Fulton 224 (1989) 445
Xiao, D., see W.-Y. Chen 226 (1989) 192
Xiao, D., see M.S. Alam 226 (1989) 401
Xie, Y.X., see J. Wilczynski 220 (1989) 497
Xu, G.F., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Xu, H.M., see M.B. Tsang 220 (1989) 492
Xu, J., see H. Zhang 218 (1989) 133
Xu, K., see H. Zhang 218 (1989) 133
Xu, N., see A.J. Kreiner 215 (1988) 629
Xu, R., see J. Adler 227 (1989) 501
Xu, S.W., see T. Kitagaki 214 (1988) 281
Xu, Y.T., see A. Bacala 218 (1989) 112
Xu, Y.T., see T. Mori 218 (1989) 499
Xu, Y.T., see S.K. Kim 223 (1989) 476
Xu, Y.T., see E.H. Low 228 (1989) 548
Xue, S.-S., Schwinger–Dyson equation for a Polyakov chain and SU(2) lattice gauge theory at finite temperature 217 (1989) 304
Xue, S.-S., Vector-meson mass generation in the chiral Schwinger model 224 (1989) 309
Xue, S.-S., see S. Aoki 229 (1989) 79
Xue, S.S., see C.M. Wu 216 (1989) 381

Yabu, H., The $\bar{q}q$ contents of the nucleon and the $SU_f(3)$ symmetry breaking effect in the SU(3) Skyrme model 218 (1989) 124
Yabu, H., B. Schwesinger and G. Holzwarth, The intermediate-range attraction of the nucleon–nucleon force in a Skyrme model with explicit σ-mesons 224 (1989) 25
Yagil, A., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205
Yaginuma, Y., see K.S. Hirata 220 (1989) 308
Yahiro, M., see M. Tanifuji 217 (1989) 375
Yamada, H., see Y. Fujimoto 212 (1988) 77
Yamada, H., Charge screening in gauge theories at finite temperature and density 223 (1989) 229
Yamada, M., see K.S. Hirata 220 (1989) 308
Yamada, Y., see K. Abe 213 (1988) 400
Yamagata, T., see K. Abe 213 (1988) 400
Yamagishi, Y., see E.H. Low 228 (1989) 548
Yamaguchi, A., see T. Kitagaki 214 (1988) 281
Yamaji, S., see H. Hofmann 229 (1989) 309
Yamakawa, O., see I. Adachi 218 (1989) 105
Yamamoto, A., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Yamamoto, K., see N. Nakamura 212 (1988) 198
Yamamoto, K., see N. Nishii 223 (1989) 411
Yamamoto, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Yamamoto, Y. and H. Bandō, A nuclear optical potential on the Λ hyperon 214 (1988) 173
Yamamura, T., see T. Kitagaki 214 (1988) 281
Yamanaka, I., see T. Inami 215 (1988) 701
Yamashita, S., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Yamashita, T., see K. Abe 213 (1988) 400
Yamashita, Y., see A. Bacala 218 (1989) 112
Yamashita, Y., see T. Mori 218 (1989) 499
Yamashita, Y., see S.K. Kim 223 (1989) 476
Yamashita, Y., see E.H. Low 228 (1989) 548
Yamauchi, M., see I. Adachi 218 (1989) 105; 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Yamauchi, Y., see A. Buchmann 225 (1989) 301
Yamawaki, K., see V.A. Miransky 221 (1989) 177
Yamaya, T., see H. Okamura 227 (1989) 204
Yamazaki, T., see H. Toki 213 (1988) 129
Yamron, J.P., Topological actions from twisted supersymmetric theories 213 (1988) 325
Yan, M.-L., see B.-A. Li 212 (1988) 108
Yan, Y., see A. Bacala 218 (1989) 112
Yanagida, T., see R. Barbieri 213 (1988) 69
Yanagida, T., see M. Fukugita 221 (1989) 129
Yánez, A., see E. Andersen 220 (1989) 328
Yang, C.N., see T.T. Chou 212 (1988) 105
Yang, S.-K., see I.-G. Koh 223 (1989) 349
Yang, S.-K., see T. Eguchi 224 (1989) 373
Yang, S.D., see M.F. Jiang 223 (1989) 5
Yang, Z., see S. Deser 222 (1989) 61
Yankielowicz, S., see B. Blok 226 (1989) 279
Yankielowicz, S., see A.N. Schellekens 226 (1989) 285; 227 (1989) 387

Yao, W.-M., see P. Avery 223 (1989) 470
Yao, W.-M., see R. Fulton 224 (1989) 445
Yao, W.-M., see W.-Y. Chen 226 (1989) 192
Yao, W.-M., see M.S. Alam 226 (1989) 401
Yasuda, O., The Riemann theta constant and the GSO projection 215 (1988) 299
Yasuda, O., Absence of hexagon gauge anomalies in higher loop superstring amplitudes 215 (1988) 306
Yasuda, O., Nonrenormalization theorem for the Green–Schwarz counterterm and the low-energy effective action 218 (1989) 455
Yasuda, O., Left-moving fermions with odd spin structures in heterotic string models 222 (1989) 23
Yasuda, T., see E.H. Low 228 (1989) 548
Yasui, Y., see S. Uehara 217 (1989) 479
Yasuno, M., see T. Otofuji 229 (1989) 343
Yasuno, M., see C. Ohmori 230 (1989) 27
Yavin, A.I., see M.A. Moinester 230 (1989) 41
Yazaki, S., see L.J. Reinders 212 (1988) 245
Yegneswaran, A., see G. Roche 226 (1989) 228
Yekutieli, G., see W. Braunschweig 214 (1988) 286
Yelton, J., see P. Avery 223 (1989) 470
Yelton, J., see R. Fulton 224 (1989) 445
Yelton, J., see W.-Y. Chen 226 (1989) 192
Yelton, J., see M.S. Alam 226 (1989) 401
Yelton, J.M., see A. Snyder 229 (1989) 169
Yen, G., A. Harindranath, J.P. Vary and H.J. Pirner, How useful is the concept of *y* scaling? 218 (1989) 408
Yen, S., see D. Frekers 218 (1989) 439
Yen, S., see M.A. Moinester 230 (1989) 41
Yepes, P., see E. Andersen 220 (1989) 328
Yepes, P., Lower limit of the Higgs mass from a neutrino experiment 227 (1989) 182
Yepes, P., Bounds on a light Higgs produced through a Bremsstrahlung process 229 (1989) 156
Ying, H.P., see C.M. Wu 216 (1989) 381
Yndurain, F.J., see R. Akhoury 211 (1988) 156
Yoake, Y., see I. Adachi 227 (1989) 495; 228 (1989) 553; 229 (1989) 427
Yokosawa, A., see N. Akchurin 229 (1989) 299
Yokota, H., see A. Bacala 218 (1989) 112
Yokota, H., see T. Mori 218 (1989) 499
Yokota, H., see S.K. Kim 223 (1989) 476
Yokota, H., see E.H. Low 228 (1989) 548
Yokota, J., see S. Aoki 224 (1989) 441
Yokoyama, J., A natural way out of the conflict between cosmic strings and inflation 212 (1988) 273
Yonnet, J., see A. Boudard 214 (1988) 6
Yonnet, J., see R. Bertini 228 (1989) 531
Yoo, S.H., see D. Ashery 215 (1988) 41
Yoon, T.-S., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Yoon, Y., see J.K. Kim 214 (1988) 98; 224 (1989) 108
Yoshida, H., see K. Abe 213 (1988) 400
Yoshida, N., H. Sagawa, T. Otsuka and A. Arima, Signature dependence of electromagnetic transitions and the interacting boson–fermion model 215 (1988) 15

Yoshida, T., see N. Akchurin 229 (1989) 299
Yoshié, T., see Y. Iwasaki 216 (1989) 387; 220 (1989) 602
Yoshii, H., Non-abelian Feigin–Fuchs deformation of (super-)conformal algebras 222 (1989) 49
Yoshii, H., Perturbation of $c=1$ conformal field theory 223 (1989) 353
Yoshimura, Y., see I. Adachi 218 (1989) 105
Yoshinaga, N., see D. Peres Menezes 221 (1989) 103
Yoshioka, M., see I. Adachi 218 (1989) 105
Yoshizawa, J., see I. Adachi 229 (1989) 427
Young, B.-L., see W.-C. Kuo 214 (1988) 253
Young, G.R., see R. Albrecht 221 (1989) 427
Youngman, C., see G.D. Barr 214 (1988) 303
Yu, F., $D=2+1$ super ISO(2,1) gauge theory and its equivalence to $D=2+1$ supergravity 222 (1989) 237
Yu, Y. and H.-Y. Guo, On the geometric quantization and BRST quantization for bosonic strings 216 (1989) 68
Yu, Y., Symplectic geometry and geometric quantization for the open bosonic string in the BRST formalism 216 (1989) 75
Yuan, K., see A.E. Faraggi 221 (1989) 337
Yue, R.-H., see B.-Y. Hou 229 (1989) 45
Yvert, M., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439

Zaccardelli, C., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Zaccone, H., see R. Ansari 215 (1988) 175
Zacharov, I., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Zachos, C.K., see D.B. Fairlie 218 (1989) 203; 224 (1989) 101
Zadorozhny, A.M., see V.K. Mitrjushkin 215 (1988) 371
Zadorozhny, A.M., see J. Ambjørn 225 (1989) 153
Zadra, A., see E. Abdalla 215 (1988) 564
Zaganidis, N., see C. Albajar 213 (1988) 405
Zaglauer, H.W., see M. Lindner 228 (1989) 139
Zagromski, S., see K. Grotowski 223 (1989) 287
Zahed, I., see C. Adami 213 (1988) 373; 215 (1988) 387; 217 (1989) 5
Zahed, I., see T.H. Hansson 214 (1988) 475
Zahed, I., see S.H. Lee 215 (1988) 583
Zahed, I., see M.A. Nowak 217 (1989) 157; 226 (1989) 382; 228 (1989) 251; 230 (1989) 108
Zahed, I., see T. Hatsuda 221 (1989) 173
Zaikov, R.P., Self-duality in the theory of the bosonic p-branes 211 (1988) 281
Zaikov, R.P., More on the classical symmetries of the closed bosonic p-branes 213 (1988) 422
Zaitsev, Yu., see H. Albrecht 211 (1988) 489; 212 (1988) 528; 215 (1988) 424, 429; 217 (1989) 205; 219 (1989) 121; 221 (1989) 422; 229 (1989) 175, 304; 230 (1989) 162, 169
Zakharov, B.G., see B.Z. Kopeliovich 211 (1988) 221; 226 (1989) 156
Zakharov, V.I., see V.A. Novikov 217 (1989) 103
Zakharov, V.I., see A. Vainshtein 225 (1989) 415
Zalewski, K., see A. Białas 228 (1989) 155
Zalmstra, J.J.A., see A. Hogenbirk 223 (1989) 282
Zamfir, N.V., R.F. Casten and P. von Brentano, A simple phenomenology for 3_1^- states 226 (1989) 11
Zamfir, N.V., see D. Bucurescu 229 (1989) 321
Zamir, R., see A. Davidson 223 (1989) 149
Zanello, L., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Zanetti, A., see N. Akchurin 229 (1989) 299
Zanon, D., see M.T. Grisaru 218 (1989) 26
Zanon, D., see M. Raciti 227 (1989) 118
Zanon, R., see M. Gonin 217 (1989) 406
Zanotti, L., see E. Bellotti 221 (1989) 209
Zas, E., see R.S. Fletcher 221 (1989) 403
Zaugg, Ph., see J. Lacki 228 (1989) 223
Zavada, P., see A.C. Benvenuti 223 (1989) 485, 490
Zavattini, G., see F. Scuri 220 (1989) 276; 222 (1989) 538
Zavialov, O.I., see J. Hořejší 213 (1988) 173
Zavrtanik, D., see G. Kernel 216 (1989) 244; 225 (1989) 198
Zawischa, D., see J. Speth 211 (1988) 247; 219 (1989) 529
Zdarko, R.W., see H.R. Band 218 (1989) 369
Zecca, A., Fine structure of equal mass $q-\bar{q}$ systems from a relativistic potential 213 (1988) 210
Zech, G., see G.D. Barr 214 (1988) 303
Zell, K.O., see C. Wesselborg 211 (1988) 500
Zelnikov, A.I., see V.P. Frolov 224 (1989) 255
Zelnikov, M.I., see A.D. Linde 215 (1988) 59
Zeludziewicz, T., see S. Barlag 218 (1989) 374

Zenoni, A., see F. Balestra 215 (1988) 247; 217 (1989) 43; 230 (1989) 36
Zeppenfeld, D., see V. Barger 220 (1989) 464
Zeppenfeld, D., see M. Drees 223 (1989) 454
Zerbini, S., see L. Vanzo 214 (1988) 51
Zerbini, S., see G. Cognola 214 (1988) 70; 223 (1989) 416
Zeuner, W., see W. Braunschweig 214 (1988) 286
Zghiche, A., see A. Magnon 222 (1989) 352
Zhang, D.-H., The Krichever–Novikov operator formalism of the superstring 216 (1989) 107
Zhang, D.H., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Zhang, H., J. Xu, Z.H. Liu, J. Lu, K. Xu and M. Ruan, Anomalous anisotropies of fission fragment angular distributions in sub-barrier fusion–fission reaction 218 (1989) 133
Zhang, J.-Y., R.F. Casten and D.S. Brenner, Empirical proton–neutron interaction energies. Linearity and saturation phenomena 227 (1989) 1
Zhang, J.-Y., R.F. Casten and D.S. Brenner, Empirical proton–neutron interaction energies. Linearity and saturation phenomena, Phys. Lett. B 227 (1989) 1. Erratum 229 (1989) 439
Zhang, R.B., see P.D. Jarvis 215 (1988) 695; 225 (1989) 112
Zhang, S.C., see T.H. Hansson 214 (1988) 475
Zhang, W., see K.S. Hirata 220 (1989) 308
Zhang, X.Z., see I. Hamamoto 226 (1989) 17; 229 (1989) 439
Zhang, Y.-Z., Covariant anomaly and cohomology in connection space 219 (1989) 439
Zhang, Z., see J.D. Binnefeld 225 (1989) 308
Zhao, M., see T. Kitagaki 214 (1988) 281
Zhao, P.Y., see C.M. Wu 216 (1989) 381
Zhao, Z.-Y., see C.-S. Huang 220 (1989) 87
Zhebrovskij, Yu.V., see N.A. Burkova 223 (1989) 136
Zheltukhin, A.A., see D.P. Sorokin 216 (1989) 302
Zheng, H.B., see Q. Ho-Kim 212 (1988) 71; 223 (1989) 57
Zheng, H.B., An extended $N=1$ superconformal algebra 222 (1989) 213
Zheng, H.W., see A. Bacala 218 (1989) 112
Zheng, H.W., see T. Mori 218 (1989) 499
Zheng, H.W., see S.K. Kim 223 (1989) 476
Zheng, H.W., see E.H. Low 228 (1989) 548
Zheng, P.Y., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Zhirov, O.V., see O.O. Tursunov 222 (1989) 110
Zhou, B.-R., Mass inequalities and chiral symmetry breaking 215 (1988) 364
Zhou, D.C., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Zhou, J.C., see M.I. Adamovich 223 (1989) 262; 227 (1989) 285; 230 (1989) 175
Zhou, X.-J., see X.-D. Jiang 216 (1989) 160
Zhu, C.-J., see R. Iengo 211 (1988) 425; 212 (1988) 309, 313
Zhu, C.-J., Factorization of a two-loop four-particle amplitude in superstring theories 221 (1989) 27
Zhu, C.-J., see G. Sotkov 229 (1989) 391
Zhu, F., see M.B. Tsang 220 (1989) 492
Zhu, W. and J.G. Shen, Valon picture and anomalous behavior of nucleon structure in nuclei 219 (1989) 107
Zhu, Y., see J. Adler 227 (1989) 501
Zhu, Y.C., see A. Bacala 218 (1989) 112
Zhu, Y.C., see T. Mori 218 (1989) 499
Zhu, Y.C., see S.K. Kim 223 (1989) 476

Zhu, Y.C., see E.H. Low 228 (1989) 548
Zhu, Z.K., see C.M. Wu 216 (1989) 381
Zhu, Z.Y., see W.-C. Kuo 214 (1988) 253
Zhu, Z.Y., see Y.J. Ng 215 (1988) 287
Zhusupov, M.A., see N.A. Burkova 223 (1989) 136
Zhuxia, L., see J. Aichelin 224 (1989) 34
Zieger, A., see A. De Graeve 227 (1989) 321
Ziegler, B., see A. De Graeve 227 (1989) 321
Ziegler, M., see G. Reifenröther 214 (1988) 325
Ziegler, M., see M. Doser 215 (1988) 792
Ziegler, M., see B. May 225 (1989) 450
Zielinski, W., see I.V. Ajinenko 222 (1989) 306
Ziemons, K., see M. Arneodo 211 (1988) 493
Zimányi, J., see T. Csörgö 222 (1989) 115
Zimmer, M., see S. Bethke 213 (1988) 235
Zimmerman, A.H., see L.A. Ferreira 214 (1988) 367
Zimmerman, D., see A. Bacala 218 (1989) 112
Zimmermann, W., see J. Kubo 220 (1989) 185, 191
Zinovjev, G.M., see V.V. Goloviznin 211 (1988) 167
Zinovjev, G.M., see V.K. Mitrjushkin 215 (1988) 371
Zinovjev, G.M., see O.A. Borisenko 221 (1989) 155
Ziock, H.J., see G.J. Kim 219 (1989) 62
Ziock, K.O.H., see J.F. Crawford 213 (1988) 391
Zioutas, K., see A. de Rújula 217 (1989) 354
Zito, G., see T.A. Armstrong 221 (1989) 216, 221; 228 (1989) 536
Zitoun, R., see T.A. Armstrong 221 (1989) 216, 221; 228 (1989) 536
Zitoun, R., see J.E. Campagne 222 (1989) 497
Zobernig, G., see W. Braunschweig 214 (1988) 286
Zoglin, P., Heterotic string compactifications using minimal $N=2$ superconformal field theories. Quotient models 218 (1989) 444
Zoglin, P., Reexamination of four-generation heterotic string compactification as a superconformal field theory 228 (1989) 47
Zografou, P., see J.R. Bensinger 215 (1988) 195
Zoller, V.R., see A.V. Dobrovolskaya 229 (1989) 293
Zorin, O.L., A gauge invariant action for the free Neveu–Schwarz string in spacetime of any dimension 222 (1989) 18
Zorn, G.T., see S. Bethke 213 (1988) 235
Zotkin, S.A., see I.V. Ajinenko 222 (1989) 306
Zotter, B., see K. Hirata 224 (1989) 437
Zotto, P., see C. Albajar 213 (1988) 405; 226 (1989) 410; 229 (1989) 439
Zoupanos, G., see K. Farakos 211 (1988) 322
Zoupanos, G., see N.D. Tracas 220 (1989) 289
Zoupanos, G., see N.A. Batakis 220 (1989) 513
Zoupanos, G., see D. Kapetanakis 229 (1989) 248
Zschorsch, P., see S. Keh 212 (1988) 123
Zschorsch, P., see H. Janssen 228 (1989) 273
Zsembery, J., see R. Bonino 211 (1988) 239

Zubarev, A.L., see V.B. Belyaev 219 (1989) 157
Zubarev, A.P., see I.Ya. Aref'eva 225 (1989) 240
Zuber, J.-B., see J. Bagger 216 (1989) 320
Zucchini, R., see C.R. Ordóñez 215 (1988) 103
Zucchini, R., A geometrical framework for twisted conformal field theory on Riemann surfaces 222 (1989) 200
Zumbro, J.D., see D. Ashery 215 (1988) 41
Zumbro, J.D., see A.L. Williams 216 (1989) 11
Zupančič, Č., see A.C. Benvenuti 223 (1989) 485, 490
Zweizig, J.G., see R. Bonino 211 (1988) 239
Zwiebach, B., A note on covariant Feynman rules for closed strings 213 (1988) 25
Zybert, R., see E. Andersen 220 (1989) 328

INSTRUCTIONS TO AUTHORS

Physics Letters B is devoted to the rapid publication of important new scientific results in the fields of Nuclear Physics and High Energy Physics.

SUBMISSION

Contributions for Physics Letters B should be sent to the following Editors:

Experimental Nuclear Physics (Heavy Ion Physics, Low Energy Nuclear Physics):
R.H. Siemssen (KVI, University of Groningen, Zernikelaan 25, NL-9747 AA Groningen, The Netherlands),
Bitnet: Siemssen @ HGRRUG51

Experimental Nuclear Physics (Heavy Ion Physics, Intermediate Energy Nuclear Physics):
J.P. Schiffer (Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439, USA),
Bitnet: Schiffer @ ANLPHY

Theoretical Nuclear Physics:
G.F. Bertsch (National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, MI 48824-1321, USA),
Bitnet: Bertsch @ MSUNSCL
or
C. Mahaux (Institut de Physique B5, University of Liège, B-4000 Liège, Belgium),
Bitnet: Mahaux @ BLIULG11

Experimental High Energy Physics:
L. Montanet (CERN, CH-1211 Geneva 23, Switzerland),
Bitnet: Montanet @ CERNVM
or
K. Winter (CERN, CH-1211 Geneva 23, Switzerland),
Bitnet: Winter @ CERNVM

Theoretical High Energy Physics from Ireland, United Kingdom, Benelux, Scandinavian countries, German Federal Republic, German Democratic Republic, Poland, Czechoslovakia and the USSR:
P.V. Landshoff (Department of Applied Mathematics and Theoretical Physics, University of Cambridge, Silver Street, Cambridge CB3 9EW, Great Britain),
Bitnet: PVL @ UKACRL

Theoretical High Energy Physics from the remaining European countries:
R. Gatto (CERN, Theory Division, CH-1211 Geneva 23, Switzerland),
Bitnet: Gatto @ CERNVM

Theoretical High Energy Physics from countries outside Europe:
M. Dine (Department of Physics, City College, City University of New York, Convent Avenue at 138th Street, New York, NY 10031, USA),
Bitnet: DINCC @ CUNYVM
or
H. Georgi (Department of Physics, Harvard University, Cambridge, MA 02138, USA).
Bitnet: Georgi @ HUHEPL

For further instructions see next page.

The original typescript and two copies, accompanied by a covering letter, should be submitted. The manuscript should be written in English.

Submitted papers will be refereed and, if necessary, authors may be invited to revise their manuscript. Proofs will *not* be sent, therefore authors should check their papers carefully before submission. If a submitted paper relies heavily on unpublished material, it would be helpful to have a copy of that material for the use of the referee.

By submitting a paper for publication in Physics Letters B the authors imply that the material has not been published previously nor has been submitted for publication elsewhere.

PREPARATION OF MANUSCRIPTS

The following requirements as regards presentation of the manuscript should be met:

(1) **Manuscript:** The original typescript should be typed on one side of the paper,with double spacing and a wide margin. Instead of the original typescript, a copy of high quality (not a carbon copy) is also acceptable. The title page should contain title, author(s), address(es) and abstract. The main text should start on a new page. All pages should be numbered.

(2) **Length:** The total length of the paper should not exceed four journal pages, equivalent to seven typewritten pages with double spacing, including the list of authors, abstract, references, figure captions and three figures. In the case that more figures are required, the text should be shortened accordingly.

(3) **Title:** The title should be brief and such that it conveys to the informed reader the particular nature of the contents of the paper.

(4) **Abstract:** An abstract of less than 60 words is required. It should contain the keywords of the paper as well as the essence of the results achieved.

(5) **Address:** The name(s) of the author(s) and the name and address of the institute where the research work was done should be indicated on the manuscript. The name of the author to whom correspondence is to be addressed should be underlined.

(6) **Figures:** Each figure must be referred to in the text, be numbered and have a caption. The captions should be collected on a separate sheet. The appropriate place of each figure should be indicated in the margin. Axes of figures must be labelled properly. The drawings for the figures must be submitted on separate sheets, drawn in black India ink and carefully lettered (with the use of stencils). The lettering as well as the essential details should have proportionate dimensions so as not to become illegible or unclear after the usual reduction by the printers (ideal lettering size after reduction of the drawing to one-column width is 1.8 mm). The drawings should preferably be of the same size as the typescript and designed for a reduction factor in print of two to three. The figures should be identified by the name of the first author, the journal name and the figure number. Instead of original drawings, sharp and contrasty glossy prints of about typescript size or high quality laserprints are also acceptable. If requested, original drawings will be returned to the author(s) upon publication of the paper.

(7) **Colour illustrations:** Illustrations in colour will be accepted in cases when the use of colours is essential for the presentation. The publisher will bear part of the costs, which arise from the need of printing four colours and the need to prepare colour-separated printing films by means of scanning the original colour figures. Printing costs are relatively low, if a large number of pages are involved, and are not influenced by the way colour material is offered for publication. Unless figures can be processed together (see below) the cost of figure processing gives a rate per figure which is not influenced by the number of figures on a given page and the total number of pages. As a rule, authors will be billed for the placing of colour illustrations according to the following rates:

	Printing costs	*Figure processing*
First page	Dfl. 1200	Dfl. 200/figure
Additional pages	Dfl. 200	Dfl. 200/figure

In certain cases, figures can be scanned together, resulting in a lower figure rate. The saving is 15% if two figures are combined and exceeds 50% if eight figures are scanned together to be printed on one page. Such lower rates only apply when:

(a) the relationship between the overall intensity of the figures to be combined is acceptable for scanning together;

(b) the reduction factor is exactly the same for each figure;

(c) two or more illustrations are printed together on one page.

Upon request, proposals for combination of figures will be assessed by the publisher and price quotations will be provided.

In case of computer colour prints involving no more than four colours and no differentiation of shades, no figure rates will be charged if colour-separated originals are submitted. On each colour-separated original register marks must be clearly indicated to ensure the exact positioning of each colour when printing. Authors will be notified whether their colour-separated originals are suitable and the figure rates can be waived.

There will be no additional charge for reprints containing colour illustrations.

Colour illustrations should be submitted in the form of original colour photographs, transparencies or 35 mm slides. Polaroid colour prints should be avoided. When supplying colour photographs and transparencies they should be close to the final size expected for publication.

It should be noted that, in some cases, printing requirements will prevent figures from being located in the most preferred position in the text.

(8) **Formulae:** Displayed formulae should be numbered and typed or clearly and unambiguously written by hand. Symbols requiring bold-face type, like vectors, etc., should be identified properly in the margin of the manuscript. Long equations should be avoided as much as possible by introduction of suitable abbreviations of component expressions. Special attention should be paid to symbols that can easily be misread, such as i (lower case), I (cap.), l (el), 1 (one), ′ (prime), o (lower case), O (cap.), 0 (zero), ° (degree), u, v (vee), ν (Greek nu), V (cap.), x, ×, X, z, Z, p, P, ρ (Greek rho), etc.

(9) **Tables:** Tables should be typed on separate sheets and each table should have a number and a title. The appropriate places for the insertion of the tables should be indicated in the margin.

(10) **Footnotes:** The footnotes may be typed at the end of the page on which they are alluded to, or at the end of the paper, or on a separate sheet. *Please do not mix footnotes and references.*

(11) **References:** In the text, reference to other parts of the paper should be made by section (or equation) number, not by page number. References to other papers should be consecutively numbered in the text and should be listed by number on a separate sheet at the end of the paper. The references should be as complete as possible and be presented as follows:

For a book:

B. de Wit and J. Smith, Field theory in particle physics, Vol. 1 (North-Holland, Amsterdam, 1986).

For a paper in a journal:

UA1 Collab., G. Arnison et al., Phys. Lett. B 177 (1986) 244.

For a paper in a contributed volume:

R. Jackiw, in: Progress in quantum field theory, eds. H. Ezawa and S. Kamefuchi (North-Holland, Amsterdam, 1986) p. 83.

For an unpublished paper:

J.F. Gunion and H.E. Haber, UCD Report 86-12 (1986), unpublished.

For a preprint:

A. Lahanas and D.V. Nanopoulos, CERN preprint CERN-TH 4400/86 (1986).

For a conference report:

M.B. Green, Superstrings and the unification of forces and particles, in: Proc. fourth Marcel Grossmann Meeting on General relativity (Rome, June 1985), Vol. 1, ed. R. Ruffini (North-Holland, Amsterdam, 1986) p. 203.

COPYRIGHT TRANSFER

Upon acceptance of an article, the author(s) will be asked to transfer copyright of the article to the publisher. This transfer will ensure the widest possible dissemination of information.

PUBLICATION SPEED

The editors and publisher cooperate closely to ensure minimal publication delays. All proofreading will be done by the publisher and proofs are *not* sent to the author(s). In order to keep delays to a minimum it is of utter importance for the author(s) closely to observe the guidelines given in the "Preparation of Manuscripts" above before submission of the manuscript.

PUBLICATION SCHEME

Physics Letters B will be published weekly.

PAGE CHARGE AND REPRINTS

There is no page charge. Reprints may be ordered from the publisher: an order form is sent to contributors upon acceptance of their communications.

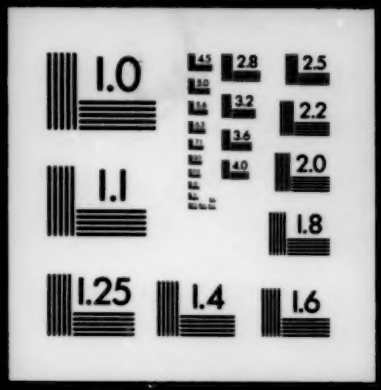
CORRECTIONS AND MODIFICATIONS

Once the article has been accepted for publication, minor corrections should be sent directly to the publisher (see below). They may be collected in a letter, or sent in the form of a corrected manuscript, *which should clearly show all deviations from the original text.* The publisher may decide to resubmit corrections to the editor.
Extensive modifications should be submitted to the editor, in the form of a corrected manuscript in duplicate, *one copy clearly showing all deviations from the original text.* Simultaneously, the publisher should be notified to hold publication of the paper.

Authors may be charged with the costs of necessary retypesetting.

All correspondence with the editors or publisher should contain full reference to the paper concerned, i.e., the names of all the contributors, the full title, as well as the reference number. Contributors are reminded that, once their contribution has been accepted for publication, all further correspondence (except extensive modifications, see above) should be sent directly to the publisher and not to the editors (Drs. E.J. van der Wolk, Editorial Department, Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O. Box 103, 1000 AC Amsterdam, The Netherlands; telephone number (020)–5862634, telefax number (020)–5862580).

A prompt reply may be expected whenever appropriate. If no reaction is received within three weeks, authors are kindly requested to seek contact again.


1.0
1.1
1.25
1.4
1.6
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8